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# **Financial Highlights**

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#### Hardinge Inc. & Subsidiaries

Amounts in thousands except per-share data.

For the years ended December	er 31	, 2002		2001		2000
Net sales	\$169,014		\$2	\$209,522		.89,479
Net income (loss)	\$	2,000	\$ (	21,853)	\$	7,532
Dividends paid	\$	868	\$	4,622	\$	4,902
Weighted average number of common shares outstanding		8,687		8,695		8,794
PER-SHARE DATA		·				
Net income (loss)	\$	.23	\$	(2.51)	\$	.86
Dividends declared	\$	.10	\$	.53	\$	.56

<sup>\* 2001</sup> results include an unusual charge of \$27,237 for inventory write-downs for underperforming product lines; a one-time additional provision for doubtful accounts of \$5,200; and \$5,519 for impairment of goodwill and other underutilized assets. The after-tax impact of those unusual items was \$26,455 in aggregate.

#### Worldwide Sales History



U.S. Europe



2002

2001

2000

# leter to shareholders



#### . Patrick Ervin

amman of the beard, President,

#### Dear Shareholders, Customers, Employees and Your Families,

Any way you look at it, 2002 was a difficult year for Hardinge. Market demand for machine tools continued to decline in North America, and demand in key European markets contracted throughout the year. These conditions presented many challenges for our Company, but the good news is that we met these challenges headon by taking aggressive actions to buttress the Company to ensure profitability. Our employees throughout the world worked extremely hard at resizing our operations and controlling costs to meet these very challenging times. The outcome of these actions allowed us to stay profitable in an industry where many companies have gone bankrupt or are in significant financial distress. While we focused strongly on production costs and expenses, we have not lost sight of our overall strategy to expand our product line, match technology advances to meet our customer needs, and grow our international presence and customer base.

To better understand the current environment, it is important to have a more detailed picture of the market conditions in which our Company has been operating for the past few years.

#### **Market Conditions**

In the U.S., 2002 orders for new metal cutting machine tools declined 25% from 2001 levels. This represents nearly a 50% decline from the U.S. order levels of 2000. If the run rate of orders achieved by the U.S. industry for the second half of 2002 were to continue throughout 2003, then 2003 orders would reflect a reduction of approximately 11% below the order level in 2002, 33% below the order level for 2001, and 64% below 1998 levels.

Regardless of specific year-to-year comparisons, the critical fact is that the machine tool industry in North America has undergone an unprecedented decline in orders during the last few years, and currently there are no clear indications that 2003 will see the industry rebounding significantly from these depressed levels. The telltale strategic question for North America is how much of this market decline reflects a fundamental change in U.S. manufacturing, and how much is simply the result of a prolonged manufacturing cycle? This question will be answered over time, but the question of which U.S. machine tools companies are financially strong enough to succeed in the future, based on U.S. manufacturing opportunities, will be interesting to watch. At Hardinge, we will continue to take the necessary steps to size our North American operations to match the market opportunities in order to remain a financially strong Company.

In Europe, demand for machine tools in key markets also declined significantly throughout 2002. Different countries throughout Europe declined at different rates; however, as a general overview, new orders for machines declined between 20% and 30% when comparing 2002 to 2001. Europe also faces the situation that the Euro strengthened significantly during the last few months of 2002. If this condition continues throughout 2003, products produced in Euro countries should be significantly more expensive when sold in the U.S. This pricing development would be a favorable one for our U.S. produced lathes sold in North America, while making exports of U.S. produced lathes to Europe more competitive in the European market. Asia, whose strong market growth is being fueled by China, should offer excellent growth opportunities for years to come. The key factor when examining these market opportunities is China's fundamental economic plan to continue development of its local machine tool manufacturers. To support this plan, China is making it more difficult to import machines if a similar machine is available from a local Chinese manufacturer. In order to take full advantage of the Chinese market, a company must offer products that have a significant portion of local content. In 2003, Hardinge will take steps to strategically move in this direction.

# International and Product Diversification

For several years now, we have been strategically transforming Hardinge into a stronger, more flexible, and truly international Company that has reduced its business risk through both product and market diversification. Machine tools are a cyclical industry. To survive and thrive in this industry it is necessary to be positioned to take advantage of market opportunities wherever they present themselves. Since machine tools are a fundamental industry that is necessary for manufacturing to occur, there will always be demand for machine tools in the world. This demand will vary by region and product, but demand will exist. We recognize the need to continue building Hardinge into a Company that is well positioned in both its operations base and product offering to take advantage of those markets wherever opportunities present themselves. I am pleased to report that over the last seven years Hardinge has become a very diverse Company with key operations throughout the world and a range of metal cutting products that span multiple product categories. Today, over 60% of Hardinge's

"...We have been strategically transforming Hardinge into a stronger, more flexible, and truly international Company..."

revenue is generated by sales outside the U.S., and over 50% of our people now work outside the U.S. With the severe decline in the U.S. machine tool market over the last few years, it is unlikely that Hardinge could have survived had we continued primarily as a U.S. manufacturer serving the U.S. market. Our planned geographical and product diversification has allowed Hardinge to weather this very difficult business environment, and to do so profitably.

#### **Operations**

In response to the trying market environment we have faced the last few years, we have had to significantly reduce the size of our operations while focusing our business on those areas that provide the biggest opportunities. The restructuring we accomplished in 2002 was very difficult on our management, our employees, and their families. Although difficult, it was necessary, and our employees have done an exceptional job of accepting and fostering the changes that were implemented.

As we look back at the important accomplishments of 2002, several stand out and deserve mention here. We reduced our debt by over \$18 million, a reduction of over

30%. The Company negotiated a new \$53 million credit facility to replace the majority of its U.S. borrowing lines. This secured agreement, along with other domestic and foreign lines of credit, provides for total borrowing capacity for the consolidated company of \$81 million. We reduced our Selling, General, and Administrative (SG&A) expenses by over \$8 million. We generated over \$14 million in EBITDA (earnings before interest, taxes, and depreciation and amortization). And, we generated an after-tax profit of approximately \$2 million. All of this occurred during a year when our sales dropped approximately 20%. I commend our management team and all the committed employees who have worked tirelessly to enable Hardinge to remain profitable.

In order to better utilize our Elmira-based manufacturing operations, we entered into a license agreement with Bridgeport Ltd. from the U.K. Under this agreement, Hardinge will produce the former Bridgeport knee mill products, in addition to providing repair parts and support service to the installed base of Bridgeport knee mills and vertical machining centers that were manufactured in Bridgeport, CT. The Bridgeport knee mill is a product with a strong heritage of being produced in the U.S., and we are proud to be in a position to carry on this machine tool tradition here at Hardinge.

During 2002, all of our operations were able to introduce new products that strengthen their position in the market. Today, Hardinge sells the strongest products and the most complete range of products we have ever brought to market. In addition, we continued to invest in new technology that will help position Hardinge products as leaders in the industry. Our patented hydrostatic ways, for example, that were displayed in an experimental

 "Our planned
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form at IMTS (the International Manufacturing Technology Show held in Chicago in September), are looking very promising. We anticipate shipping products during 2003 that utilize these hydrostatic ways, redefining super precision performance from a Hardinge machine. We are very confident the performance improvements resulting from this technology will be a real benefit to the market and a competitive advantage for our Company.

#### 2003

As we enter 2003, manufacturing activity remains weak in both North America and Europe. The geopolitical situation is very tense. Consumer confidence is low, and many customers are unwilling to invest in capital equipment in such uncertain times. Undoubtedly, 2003 will be another year that poses significant challenges for certain manufacturing sectors, both by product and by geography. These conditions will continue to put extreme pressure on machine tool producers. I fully expect that there will be fewer machine tool producers in the world at the end of 2003 than there are at the beginning of 2003. As I have said before, since manufacturing will continue to be performed in the world,

machine tools will always be required. In order for Hardinge to remain successful, we must react to opportunities as they present themselves. We will continue to work at diversifying our Company, while focusing on those areas of the world that provide the best business opportunities. We will keep operations sized appropriately for market conditions, and we will continue to focus on cash management and debt reduction. While the short-term outlook for machine tools remains bleak, Hardinge is well positioned globallywith a winning combination of strong products, capable management, and tremendous employees—to be successful in this highly distressed but critically important industry.

On behalf of our Board of Directors, I thank our employees, customers, and shareholders for your ongoing support.

Patrick Ewin

Sincerely,

J. Patrick Ervin Chairman of the Board, President, and Chief Executive Officer

# Selected Financial Data

The following selected financial data is derived from the audited consolidated financial statements of the Company. The data should be read in conjunction with the consolidated financial statements, related notes, and other information included in the enclosed Form 10-K (dollar amounts in thousands except per-share data).

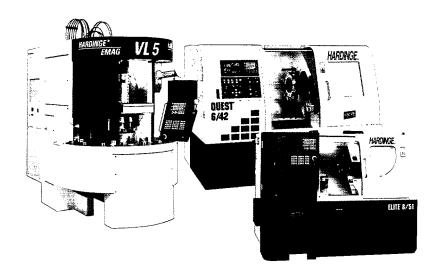
STATEMENT OF INCOME DATA		2002		2001		2000		1999		1998
Net sales	\$1	69,014	\$2	09,522	\$1	89,479	\$1	78,533	\$2	59,625
Cost of sales	1	17,403	1	45,508	1	28,531	1	21,375	1	67,528
Unusual charge¹				27,237						
Gross profit		51,611		36,777		60,948		57,158		92,097
Selling, general, and admin. expenses		44,900		53,209		47,037		46,261		56,957
Unusual expense <sup>2</sup>										950
Provision – doubtful accounts <sup>1</sup>		1,548		6,676		1,242		1,280		550
Impairment charge <sup>1</sup>				5,519						
Operating income (loss)		5,163	(	28,627)		12,669		9,617		33,640
Interest expense		3,978	·	3,656		1,736		1,743		2,324
Interest (income)		(496)		(509)		(582)		(565)		(597)
Income (loss) before income taxes and minority interest in consolidated subsidiary and in investment of equity company		1,681	(	31,774)		11,515		8,439		31,913
Income taxes (benefits)		(868)	,	10,245)		3,631		3,054		11,630
Minority interest in (profit) loss of consolidated subsidiary		(566)	(	(642)		(263)		656		,
Profit (loss) in investment of equity company		17		318		(89)				
Net income (loss) <sup>1</sup>	\$	2,000	\$ (	21,853)	\$	7,532	\$	6,041	\$	20,283
PER-SHARE DATA										
Weighted average number of										
common shares outstanding		8,687		8,695		8,755		9,287		9,432
Basic income (loss) per share	\$	.23	\$	(2.51)	\$_	.86	\$	.65	\$	2.15
Weighted average number of		0.607		0.605		0.70/		0.007		0.727
common shares outstanding	φ.	8,687	÷	8,695	4	8,794	*	9,287	*	9,434
Diluted earnings (loss) per share	<u>\$</u> \$	.23	\$	(2.51)	<u>\$</u> \$	.86	\$	.65	<u>\$</u>	2.15
Cash dividends declared per share	<u> </u>	.10	\$	.53	<b>\$</b>	.56		.56	\$	.56
BALANCE SHEET DATA										
Working capital	\$1	.03,864	\$	61,837	\$1	20,324	\$1	17,723	\$1	32,486
Long-term portion of notes receivable		8,392		10,394		17,354		15,014		13,063
Total assets <sup>3</sup>	2	256,285	2	57,872	2	83,116	2	41,457	2	56,681
Long-term debt		30,526		4,474		47,417		23,380		35,415
Shareholders' equity	1	.45,786	1	41,215	1	69,463	1	71,714	1	79,795

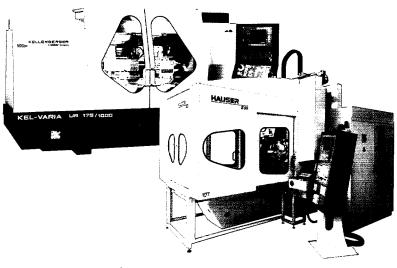
<sup>1 2001</sup> results include an unusual charge of \$27,237 for inventory write-downs for underperforming product lines; a one-time additional provision for doubtful accounts of \$5,200; and \$5,519 for impairment of goodwill and other underutilized assets. The after-tax impact of those unusual items was \$26,455 in aggregate.

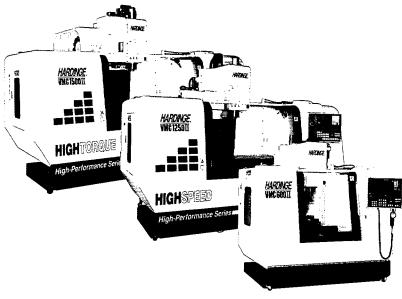
<sup>2 1998</sup> included a one-time charge of \$950 (approximately \$570 after tax) resulting from costs incurred to relocate the manufacture and support of Hansvedt Inc. from Illinois to Elmira, New York, and from a workforce reduction of approximately 200 full-time jobs.

<sup>3</sup> Certain amounts in 2001 have been reclassified to conform with current year presentation.

# Leader by Design\*







#### HARDINGE TURNING MACHINES-

# Precision and Superior Results

When it comes to precision, reliability, and productivity, Hardinge lathes have a strong tradition of providing material-cutting solutions for the global manufacturing market. Hardinge turning machines offer precision, predictability, and superior results. Building on an established leadership role in the precision arena, Hardinge continues to expand its capabilities in both machine products and services. With our core strengths and emphasis on new technology development, we are well positioned to meet the demanding needs of an ever-changing market.

#### HARDINGE GRINDING MACHINES-

## More Efficient and Robust Grinding

Kellenberger and HTT (Hauser, Tripet Tschudin) lead the way in grinding machines. These machines offer the highest levels of precision and productivity. Kellenberger grinding machines offer versatile, high-precision grinding for demanding requirements while the HTT grinders offer an array of accurate, reliable grinding solutions for jig grinding applications and longer production runs.

#### HARDINGE VMCs-

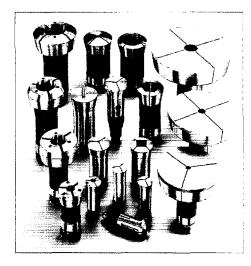
# Reliable & Cost-Effective Vertical Machining

Hardinge machining centers offer superior design characteristics and exceptional value for performance, reliability, and machining accuracy. The high-torque and high-speed models are ideal for heavy milling, drilling, pocket milling, and mold applications on a wide variety of materials.

#### HARDINGE WORKHOLDING

# The Highest Quality, For Virtually Any Machine

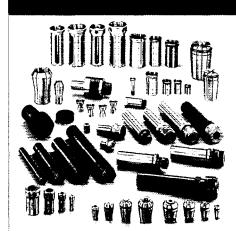
Hardinge is also a worldwide leader in the design and manufacture of workholding and toolholding devices. The Company provides stock delivery of a vast array of styles, shapes, and sizes of collets, feed fingers, and other workholding devices and industrial products. Hardinge specializes in the custom application of workholding systems to meet customers' requirements.



Above: Spindle Tooling for all brands of manual and CNC Lathes, Mills, Grinders, and Fixtures. Right: Toolholder Collets, Bushings, and Round Shank Toolholders.

Hardinge Inc. Productivity

Enhancement Seminar



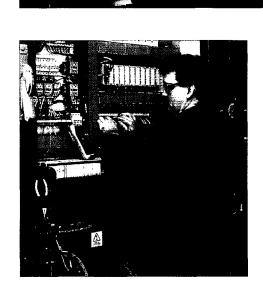
#### HARDINGE CUSTOMER SUPPORT-

# Helping You Stay Competitive and Profitable

Hardinge also offers a wide range of customer support services. The Company is world renowned for designing and manufacturing the highest quality machine tools. Hardinge provides this same expertise in assisting customers in productivity solutions as well as support services to enhance our customers' competitiveness and profitability.

#### **Customer Support Services:**

- Machine Programming Services and Consulting
- Training Programming, Operation, and Maintenance
- Education Seminars on Productivity
- Preventive Maintenance
- Non-Warranty Repair Services
- Extended Warranty Contracts
- VIP Technical Phone Support
- Complete Turnkey Services
- Application Review and Cycle Time Estimates
- Contract Services to Support Machine Startup





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Gallen, Switzerland

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re the most complete and up-to-date rews about Hardinge, visit us on the

#### J. Patrick Ervin<sup>1</sup>

Chairman of the Board, President, and Chief Executive Officer

#### Daniel J. Burke

President and CEO Swift Glass Co., Inc.

#### Richard J. Cole

President MCS (Consulting Services)

#### James L. Flynn<sup>2</sup>

Senior Vice President (Retired) Corning Incorporated

#### E. Martin Gibson<sup>3</sup>

Formerly, Chairman and CEO Corning Lab Services, Inc.

#### Douglas A. Greenlee

Owner Harpers Ferry Wood Products

#### J. Philip Hunter

Attorney Sayles & Evans

#### Albert W. Moore

Interim President Association for Manufacturing Technology (AMT)

#### Richard L. Simons

Executive Vice President, CFO, Treasurer, and Assistant Secretary

#### J. Patrick Ervin

Chairman of the Board, President, and Chief Executive Officer

#### Richard L. Simons

Executive Vice President, CFO, Treasurer, and Assistant Secretary

#### **Douglas C. Tifft**

Senior Vice President—Administration

#### Joseph T. Colvin

Vice President, General Manager— Workholding Operations

#### Clive M. Danby

Vice President—Engineering

#### Richard B. Hendrick

Vice President—Controller

#### Jürg Kellenberger

 $\label{thm:continuous} \begin{tabular}{ll} Vice President—Grinding \\ (President—L. Kellenberger \& Co. AG) \\ \end{tabular}$ 

#### Douglas G. Rich

Vice President, General Manager— U.S. Machine Operations

#### J. Philip Hunter

Secretary

 $<sup>1\,\,</sup>$  Elected Chairman of the Board effective January  $1,\,2003\,$ 

<sup>2</sup> Retiring from the Board effective May 6, 2003

<sup>3</sup> Resigned as Chairman of the Board effective December 31, 2002

# SECURITIES AND EXCHANGE COMMISSION

WASHINGTON, D.C. 20549

# FORM 10-K

Annual Report Pursuant to Section 13 or 15	
For the fiscal year ended December 31, 2002  Transition Report Pursuant to Section 13 or For the transition period from	15(d) of the Securities Exchange Act of 1934.
Commission File Nur	nber 0-15760
HARDING	E INC.
(Exact name of registrant as s	pecified in its charter)
NEW YORK	16-0470200
(State or other jurisdiction of incorporation or organization)	(I.R.S. Employer Identification No.)
One Hardinge Drive, Elmira, New York	14902-1507
(Address of principal executive offices)	Zip Code
Registrant's telephone number, includ	
Securities registered pursuant to Section 12(b) of the A	ct: None
Securities pursuant to section 12(g) of the Act:	
Common Stock with a par value of \$.01 per share Preferred Stock purchase rights	NASDAQ (Name of exchange on which registered)
Indicate by check mark whether the registrant (1 Section 13 or 15(d) of the Securities and Exchange Act such shorter period that the registrant was required to fil filing requirements for the past 90 days. Yes ⊠ No □	of 1934 during the preceding 12 months (or for
Indicate by check mark if disclosure of delinquent file contained herein, and will not be contained, to the best information statements incorporated by reference in Part Form 10-K.	of registrant's knowledge, in definitive proxy or
Indicate by check mark whether the registrant is a Rule 12b-2). Yes $\boxtimes$ No $\square$	n accelerated filer (as defined by Exchange Act
The aggregate market value of the voting stock held 2002:	by non-affiliates of the registrant as of June 30,
Common Stock, \$.01 par value—\$66,957,280.	
The number of shares outstanding of the issuer's co	ommon stock as of February 1, 2003:
Common Stock, \$.01 par value 8,850,908 share	S.
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DOCUMENTS INCORPORATED BY REFERENCE

Portions of Hardinge Inc.'s Proxy Statement filed with the Commission on March 26, 2003 are incorporated by reference to Part III of this Form.

#### **ITEM 1.—BUSINESS**

#### General

Hardinge Inc.'s principal executive offices are located at One Hardinge Drive, Elmira, New York 14902-1507; telephone (607) 734-2281; website—www.hardinge.com. The Company has seven wholly owned subsidiaries. Canadian Hardinge Machine Tools, Ltd. located near Toronto, Ontario was established by Hardinge Inc. in 1958. Hardinge Machine Tools, Ltd. was established in the United Kingdom in 1939 and became a wholly owned subsidiary in 1981 when it redeemed the shares previously held by others. Hardinge GmbH was established by the Company in Germany in 1987. In November 1995, the Company acquired 100% of the outstanding stock of L. Kellenberger & Co., AG of St. Gallen, Switzerland and its subsidiary, Kellenberger, Inc. (collectively referred to as "Kellenberger"). The Kellenberger, Inc. subsidiary was then liquidated in 1998. During 1996, Hardinge Shanghai Company, Ltd. was established in Shanghai, People's Republic of China. In December of 2000, Hardinge purchased 100% of the stock ownership of HTT Hauser Tripet Tschudin AG (HTT), based in Biel, Switzerland. In January 2001, Hardinge China Limited was opened in Shanghai, People's Republic of China. In 1999, Hardinge acquired a 51% interest in a newly formed company, Hardinge Taiwan Precision Machinery Limited, located in Nan Tou City, (Taiwan) Republic of China. The remaining 49% is owned by the management of Hardinge Taiwan Precision Machinery Limited. In May of 2000, Hardinge and EMAG Maschinenfabrik GmbH, of Germany established Hardinge EMAG GmbH in Leipzig, Germany. Each company owns 50% of the shares of Hardinge EMAG.

The Company's headquarters is located in Chemung County, New York, which is on the south-central border of upstate New York. The Company has manufacturing facilities located in Chemung County, New York, St. Gallen, Switzerland, Nan Tou City, Taiwan, Leipzig, Germany, and Biel, Switzerland. The Company assembles machinery at its Shanghai, PRC facility for deliveries to customers in Asia. Hardinge manufactures the majority of the products it sells, purchasing a few machine accessories from other manufacturers for resale.

References to Hardinge Inc., the "Company", or "Hardinge" are to Hardinge Inc. and its predecessors and subsidiaries, unless the context indicates otherwise. The Company changed its name in 1995 from Hardinge Brothers, Inc. to Hardinge Inc.

#### **Products**

Hardinge Inc. has been a manufacturer of industrial-use Super-Precision® and general precision turning machine tools since 1890. Turning machines, or lathes, are power-driven machines used to remove material from a rough-formed part by moving multiple cutting tools against the surface of a part rotating at very high speeds in a spindle mechanism. The multi-directional movement of the cutting tools allows the part to be shaped to the desired dimensions. On parts produced by Hardinge machines, those dimensions are often measured in millionths of inches. Hardinge considers itself to be a leader in the field of producing machines capable of consistently and cost-effectively producing parts to those dimensions.

In the late 1970's, Hardinge began to produce computer numerically controlled ("CNC") machines which use commands from an on-board computer to control the movement of cutting tools and rotation speeds of the part being produced. The computer control enables the operator to program operations such as part rotation, tooling selection and tooling movement for a specific part and then store that program in memory for future use. The machine is able to produce parts while left unattended when connected to automatic bar-feeding or robotics equipment designed to supply raw materials. Because of this ability, as well as superior speed of operation, a CNC machine is able to produce the same amount of work as several manually controlled machines, as well as reduce the number of operators required. Since the introduction of CNC turning machines, continual advances in computer control technology have allowed for easier programming and additional machine capabilities.

In 1994, the Company expanded its machine tool line to include CNC vertical turning machines and traditional vertical machining centers. Prior to that, all of the Company's turning machines were horizontal which means that the spindle holding the rotating part and the turret holding the cutting tools are arranged on a horizontal plane. On a traditional vertical turning machine, the spindle and turret are aligned on a vertical plane, with the spindle on the bottom. A vertical turning machine permits the customer to produce larger, heavier and more oddly shaped parts on a machine that uses less floor space when compared to a traditional horizontal turning machine.

In 2000, Hardinge formed a joint venture, Hardinge EMAG GmbH, to manufacture and market a new line of inverted spindle vertical turning lathes. These machines also have the spindle and turret aligned on a vertical plane, but the spindle is on top. This design allows for automatic "pick and place" of materials within the movements of the machine itself. Combined with a built in conveyor system, this allows unattended operation of the machine without the need for external robotic devices. These machines are suited for a wide range of smaller manufactured components and can support both small lot-size production requirements as well as high-volume manufacturing.

A vertical machining center cuts material differently than a turning machine. These machines are designed to remove material from stationary, prismatic (box-like) parts of various shapes with rotating tools that are capable of milling, drilling, tapping, reaming and routing. Machining centers have mechanisms that automatically change tools based on commands from a built-in computer control without the assistance of an operator. Machining centers are generally purchased by the same customers as turning machines. A customer will be able to obtain machining centers with the same quality and reliability as the Company's turning machines and will be able to obtain both of them from a single supplier. The Company now produces a full line of machining centers addressing a range of sizes, speeds and powers.

The Company further extended its machine offerings into the grinding machine sector of the metalcutting machine tool industry with the acquisition of Kellenberger. Grinding is a machining process where a surface is shaped to closer tolerances with a rotating abrasive wheel or tool. Grinding machines can be used to finish parts of various shapes and sizes.

The grinding machines of Kellenberger are used to grind the inside and outside diameters of cylindrical parts. Such grinding machines are typically used to provide for a more exact finish on a part which has been partially completed on a lathe. The grinding machines of Kellenberger, which are manufactured in both CNC and manually controlled models, are generally purchased by the same type of customers as other Hardinge equipment and further the ability of the Company to be a sole source supplier for its customers.

At the end of 2000, Hardinge complemented its precision grinding technology of Kellenberger AG by adding HTT Hauser Tripet Tschudin AG to its grinding machine product line. Hauser machines are jig grinders used to make demanding contour components, primarily for tool and moldmaking applications. Tripet and Tschudin product technology is focused on specialized grinding needs of high volume production customers.

The Company distributed electrical discharge machines (EDMs) from 1997 through 2001. However, as part of the September 2001 realignment, the Company has discontinued sales of these machines.

In November of 2002, the Company entered into an alliance agreement with BPT IP, LLC. Hardinge has assumed responsibility in North America for manufacture and distribution of Bridgeport knee mills, and parts and support services functions for both knee mills and vertical machining centers previously produced by the Connecticut operations of Bridgeport Machines, Inc. Royalty payments to BPT IP, LLC are based on dollar volume of shipments of product.

New product development is important to the Company's growth. Products are introduced each year to take advantage of new technologies available to the Company. These technologies generally allow the machine to run at higher speeds and with more power, thus increasing their efficiency. Customers routinely

replace old machines with newer machines that can produce parts faster and with less time to set up the machine when converting from one type of part to another.

Also, due to the high cost of skilled labor, our customers desire machines and accessories that can produce parts without an operator attending to the machine. New products introduced in recent years have been aimed at this need.

Multiple options are available on the broad range of the Company's machines which allow customers to customize their machines for the specific purpose and cost objective they require. The Company produces machines for stock with popular option combinations for immediate delivery, as well as machines made to specific customer orders. In addition to its machines, the Company provides the necessary computer programming and tooling, as well as robotics and other parts handling equipment manufactured by it or others.

Generally, Hardinge machines can be used to produce parts from all of the standard ferrous and non-ferrous metals, as well as plastics, composites and exotic materials.

In addition, the Company offers the most extensive line of workholding and toolholding devices available in the industry, which may be used on both its turning machines and those produced by others. The Company considers itself to be a worldwide leader in the design and manufacture of workholding and toolholding devices.

The Company offers various warranties on its equipment and considers post-sales support to be a critical element of its business. Warranties on machines typically extend for twelve months after purchase. Services provided include operation and maintenance training, in-field maintenance, and in-field repair. The Company, where practical, provides readily available replacement parts. The Company offers these post sales support services on a paid basis throughout the life of the machine.

#### Markets and Distribution

Sales are in the United States and to most industrialized countries in the world.

The Company markets its machine tools through a combination of a direct sales force and through distributors and manufacturers' representatives. In the United States, Canada, China, Germany, and the United Kingdom, the company primarily uses a direct sales force, supplemented by distributors and manufacturers' representatives where appropriate. In the remainder of the world, sales are exclusively through distributors and agents. Generally, distributors have exclusive rights to sell the Company's products in a defined geographic area.

The Company's direct sales personnel earn a fixed salary plus commission based upon a percentage of net sales. Certain of the Company's distributors operate independent businesses, purchase machine tools and non-machine products from the Company and maintain inventories of these products and spare parts for their customers, while other distributors only sell machine tools on behalf of the Company. The Company's commission schedule is adjusted to reflect the level of aftermarket support offered by its distributors.

Sales through distributors are made only on standard commercial open account terms and are not included in the Company's financing programs discussed below. Distributors take title to products upon shipment from the Company's facilities and do not have any special return privileges.

In the past the Company has provided financing terms of up to seven years for qualified end user customers who purchased equipment, primarily in the United States and Canada. These contracts were backed by liens and security agreements. The Company had chosen, when appropriate, to sell underlying U.S. notes receivable contracts to third party unrelated financial institutions to reduce debt and finance current operations. The Company retained no rights to any retained interest in these notes and surrendered ultimate control over the notes. There were no repurchase or remarketing agreements with these third parties. As a marketing tool, the Company occasionally offered below market interest rates and deferred payments for up to 6 months. The present value of the impact of these programs was treated as a

sales discount at the time of sale. The terms of the interest rates and payment schedules were not changed after the original contract was written, unless a default occured. The Company did not sell any customer notes during 2002 as the Company has discontinued providing financing itself and is now outsourcing long-term customer financing to third parties. The Company is able to work with the third party financing companies to offer special terms to customers to continue the marketing benefits of the program. The amount of the charge from the third party financing company for these special programs is treated as a discount to sales at the time of the contract. There are also no repurchase or remarketing agreements with these third parties.

The Company's non-machine products mainly are sold in the United States through telephone orders to a toll-free "800" telephone number, which is linked to an on-line computer order entry system maintained by the Company at its Elmira headquarters. In most cases, the Company is able to package and ship in-stock tooling and repair parts within 24 hours of receiving orders. The Company can package and ship items with heavy demand within several hours. In other parts of the world, these products are sold through distributor arrangements associated with machine sales.

The Company promotes recognition of its products in the marketplace through advertising in trade publications and participation in industry trade shows. In addition, the Company markets its non-machine products through publication of general catalogues and other targeted catalogues, which it distributes to existing and prospective customers. The Company has a substantial presence on the internet at www.hardinge.com where customers can obtain information about the Company's products.

A substantial portion of the Company's sales are to small and medium-sized independent job shops, which in turn sell machined parts to their industrial customers. Industries directly and indirectly served by the Company include aerospace, automotive, construction equipment, defense, energy, farm equipment, fiber optics, medical equipment, recreational equipment, telecommunications, and transportation.

The Company operates in a single business segment, industrial machine tools.

#### **Competitive Conditions**

The primary competitive factors in the marketplace for the Company's machine tools are reliability, price, delivery time, service and technological characteristics. There are many manufacturers of machine tools in the world. They can be categorized by the size of material their products can machine and the precision level they can achieve. In the size and precision level the Company addresses with its turning machines and machining centers, the primary competition comes from several Japanese manufacturers. Several German manufacturers also compete with the Company, primarily in Europe. The Kellenberger and HTT machines compete with Japanese, German and other Swiss manufacturers. Management considers its segment of the industry to be extremely competitive. The Company believes that it brings superior quality, reliability, value, availability, capability and support to its customers.

#### Sources and Availability of Raw Materials

The Company manufactures and assembles its lathes and related products at its Elmira, New York plant. The Kellenberger grinding machines and related products are manufactured at its St. Gallen, Switzerland plant and HTT products are produced at its Biel, Switzerland facility. Hardinge produces its machining centers and new baseline lathes at its majority-owned subsidiary in Taiwan. The inverted-spindle vertical lathes are manufactured by Hardinge EMAG in Leipzig, Germany. Products are manufactured by the Company from various raw materials, including cast iron, sheet metal, bar steel and bearings. Although the Company's operations are highly integrated, it purchases a number of components from outside suppliers, including the computer and electronic components for its CNC lathes and machining centers. There are multiple suppliers for virtually all of the Company's raw material and components and the Company has not experienced a supply interruption in recent years.

A major component of the Company's CNC machines is the computer and related electronics package. The Company purchases these components for its lathes and machining centers primarily from

Fanuc Limited, a large Japanese electronics company, except on occasions where a significant customer order specifies a different control. In 2000, the Company announced the introduction of a Siemen's (a German control manufacturer) control on its line of machining centers. The Company offers Heidenhain and Fanuc controls on its grinding machines. While the Company believes that design changes could be made to its machines to allow sourcing from several other existing suppliers, and occasionally does so for special orders, a disruption in the supply of the Fanuc components could cause the Company to experience a substantial disruption of its operations, depending on the circumstances at the time. The Company purchases parts from these suppliers under normal trade terms. There are no agreements with these suppliers to purchase minimum volumes per year.

The Company utilizes several quality and process control programs, including Total Quality Management. The Company's U.S. quality management system is certified to the ISO 9001 Quality Standard of the International Standards Organization. The ISO 9001 Quality System is an internationally accepted quality standard for commercial operations, such as product design verification, reviewing the quality of suppliers, imperfection and testing requirements and maintaining quality records. The Company believes that these initiatives have helped it maintain and improve the quality and reliability of its products.

#### Research and Development

The Company's ongoing research and development program involves creating new products and modifying existing products to meet market demands and redesigning existing products to reduce the cost of manufacturing. The research and development departments throughout the world are staffed with experienced design engineers with technical through doctorate degrees.

The cost of research and development, all of which has been charged to cost of goods sold, amounted to \$8,757,000, \$9,798,000, and \$6,992,000, in 2002, 2001, and 2000, respectively. The Company has obtained significant new product knowledge through its Hardinge EMAG joint venture and its purchase of HTT.

#### **Patents**

Although the Company holds several patents with respect to certain of its products, it does not believe that its business is dependent to any material extent upon any single patent or group of patents.

#### Seasonal Trends and Working Capital Requirements

The Company's business, and that of the machine tool industry in general, is cyclical. It is not subject to significant seasonal trends. However, the Company's quarterly results are subject to fluctuation based on the timing of its shipments of machine tools, which are largely dependent upon customer delivery requirements. Traditionally, the Company has experienced reduced activity during the third quarter of the year, largely as a result of vacations scheduled at its U.S. and European customers' plants and the Company's policy of closing its New York and Switzerland facilities for two weeks during July. As a result, the Company's third-quarter net sales, income from operations and net income typically have been the lowest of any quarter during the year.

The ability to deliver products within a short period of time is an important competitive criterion. Also, the Company feels it is important, where practical, to provide ready availability of replacement parts for the machines it sells. These factors contribute to a requirement that the Company carry significant amounts of inventory.

For many years, the Company periodically sold to various financial institutions a substantial portion of the customer notes receivable generated by its customer financing program. No customer notes were sold in 2002 as the Company has discontinued providing financing itself and is now arranging for outside third party financing to its customers. While the Company's customer financing program has an impact on its month-to-month borrowings, it has had little long-term impact on its working capital requirements because of the subsequent sales of these notes to financial institutions.

#### **Backlog**

The Company normally ships its machine products within two to three months after order. The Company's order backlog was \$37,024,000 at December 31, 2002, compared to \$51,202,000 at December 31, 2001.

Orders are generally subject to cancellation by the customer prior to shipment. The level of unfilled orders at any given date during the year may be materially affected by the timing of the Company's receipt of orders and the speed with which those orders are filled. Accordingly, the Company's backlog is not necessarily indicative of actual shipments or sales for any future period, and period-to-period comparisons may not be meaningful.

#### **Governmental Regulations**

The Company believes that its current operations and its current uses of property, plant and equipment conform in all material respects to applicable laws and regulations.

#### **Environmental Matters**

The Company's operations are subject to extensive federal and state legislation and regulation relating to environmental matters.

Certain environmental laws can impose joint and several liability for releases or threatened releases of hazardous substances upon certain statutorily defined parties regardless of fault or the lawfulness of the original activity or disposal. Activities at properties owned by the Company and on adjacent areas have resulted in environmental impacts.

In particular, the Company's New York manufacturing facility is located within the Kentucky Avenue Well Field on the National Priorities List of hazardous waste sites designated for cleanup by the United States Environmental Protection Agency ("EPA") because of groundwater contamination. The Kentucky Avenue Well Field site encompasses an area of approximately three square miles which includes sections of the Town of Horseheads and the Village of Elmira Heights in Chemung County, New York. The Company, however, has never been named as a potentially responsible party at the site or received any requests for information from EPA concerning the site. Environmental sampling on the Company's property within this site under supervision of regulatory authorities has identified off-site sources for such groundwater contamination and has found no evidence that the Company's property is contributing to the contamination.

Environmental sampling at the Company's former New York manufacturing facility following the removal of an underground storage tank disclosed the presence of hydrocarbon contamination in surrounding soils. An environmental consultant retained by the Company prepared a site assessment and remedial action plan which were adopted and approved by the New York State Department of Environmental Conservation. Pursuant to the timetable set forth in the remedial action plan, the Company completed the construction phase of the cleanup in the first quarter of 1996. On August 31, 1998, the New York State Department of Conservation notified the Company that it could decommission the pump and treat system, skim product from one of the wells, and bioremediate in three locations. By letter of October 30, 2002, the DEC notified Hardinge that based upon a number of factors, including removal of the source of the potential impact, lack of any environmentally sensitive receptors currently being impacted by contamination from the site, and the current site usage, the site would require no further remedial action.

Although the Company believes, based upon information currently available to management, that it will not have material liabilities for environmental remediation, there can be no assurance that future remedial requirements or changes in the enforcement of existing laws and regulation, which are subject to extensive regulatory discretion, will not result in material liabilities.

#### **Employees**

As of December 31, 2002 the Company employed 1,150 persons, 542 of whom were located in the United States. None of the Company's employees are covered by collective bargaining agreements. Management believes that relations with the Company's employees are good.

#### Foreign Operations and Export Sales

Information related to foreign and domestic operations and sales is included in Note 8 to consolidated financial statements contained in this Annual Report. The Company believes that its subsidiaries operate in countries in which the economic climate is relatively stable.

#### **ITEM 2.—PROPERTIES**

Pertinent information concerning the principal properties of the Company and its subsidiaries is as follows:

Location	Type of Facility	Sq	reage (Land) uare Footage (Building)
Owned Properties			
Horseheads, New York	Manufacturing, Engineering, Turnkey Systems Marketing, Sales, Demonstration, Service and Administration		80 acres .5,000 sq. ft.
Elmira, New York	Warehouse	17	12 acres 76,000 sq. ft.
St. Gallen, Switzerland	Manufacturing, Engineering, Turnkey Systems Marketing, Sales, Demonstration, Service and Administration		8 acres 52,924 sq. ft.
Biel, Switzerland	Manufacturing, Engineering, Turnkey Systems		4 acres 11,500 sq. ft.
Exeter, England	Sales, Marketing, Demonstration, Service, Tur Systems and Administration		2 acres 27,500 sq. ft.
Location	Type of Facility	Square Foot	Lease Expiration age Date
Leased Properties			
Krefeld, Germany	Sales, Service and Demonstration	4,000 sq.	. ft. 1/01/07
Santa Ana, California	Sales	2,900 sq.	. ft. 7/31/07
Toronto, Canada	Sales, Service	5,800 sq.	. ft. 6/05/04
Cleveland, Ohio	Sales, Service and Demonstration	10,000 sq	. ft. 6/30/03
Shanghai, PRC	Product Assembly, Sales, Service, Demonstration and Administration	14,500 sq	. ft. 6/30/03
Nan Tou, Taiwan	Manufacturing, Engineering, Marketing Sales, Service, Demonstration and Administration	110,000 sq.	. ft. 3/06/19
Biel, Switzerland	Marketing Sales, Service, and Administration	17,400 sq	. ft. 6/30/05

#### ITEM 3.—LEGAL PROCEEDINGS

The Company is from time to time involved in routine litigation incidental to its operations. None of the litigation in which the Company is currently involved, individually or in the aggregate, is anticipated to be material to its financial condition or results of operations.

#### ITEM 4.—SUBMISSION OF MATTERS TO A VOTE OF SECURITY HOLDERS

During the fourth quarter of 2002, no matters were submitted to a vote of security holders.

#### PART II

# ITEM 5.—MARKET FOR THE REGISTRANT'S COMMON EQUITY AND RELATED STOCKHOLDER MATTERS

The following table reflects the highest and lowest values at which the stock traded in each quarter of the last two years. Hardinge Inc. common stock trades on The Nasdaq Stock Market under the symbol "HDNG." The table also includes dividends per share, by quarter.

	2002 Values			2001 Values		
	High	Low	Dividends	High	Low	Dividends
Quarter Ended						
March 31	\$14.85	\$ 9.01	\$.06	\$15.25	\$11.88	\$.14
June 30	13.68	9.75	.03	17.50	12.55	.14
September 30	10.07	7.37	.00	15.65	11.16	.14
December 31	8.47	5.75	.01	12.09	8.85	.11

At February 1, 2002, there were 2,643 holders of record of common stock.

#### ITEM 6.—SELECTED FINANCIAL DATA

The following selected financial data is derived from the audited consolidated financial statements of the Company. The data should be read in conjunction with the consolidated financial statements, related notes and other information included herein (dollar amounts in thousands except per share data).

	2002	2001	2000	1999	1998
STATEMENT OF OPERATIONS DATA Net sales	. ,	\$209,522 145,508 27,237	\$189,479 128,531	\$178,533 121,375	\$259,625 167,528
Gross profit	51,611 44,900 1,548	36,777 53,209 6,676 5,519	60,948 47,037 1,242	57,158 46,261 1,280	92,097 56,957 950 550
Operating income (loss)	5,163 3,978 (496)	(28,627) 3,656 (509)	12,669 1,736 (582)	9,617 1,743 (565)	33,640 2,324 (597)
Income (loss) before income taxes and minority interest in consolidated subsidiary and in investment of equity company	1,681 (868) (566) 17	(31,774) (10,245) (642) 318	11,515 3,631 (263) (89)		31,913 11,630
Net income (loss) (1)	\$ 2,000	\$(21,853)	\$. 7,532	\$ 6,041	\$ 20,283
Per Share Data: Weighted average number of common shares outstanding. Basic income (loss) per share		8,695 \$ (2.51)			9,432 \$ 2.15
Weighted average number of common shares outstanding. Diluted earnings (loss) per share		8,695 \$ (2.51)	\$ .86	9,287 \$ .65	9,434 \$ 2.15
Cash dividends declared per share	\$ .10	\$ .53	\$ .56	\$ .56	\$ .56
BALANCE SHEET DATA Working capital	\$103,864 8,392 256,285 30,526 145,786	\$ 61,837 10,394 257,872 4,474 141,215	\$120,324 17,354 283,116 47,417 169,463	\$117,723 15,014 241,457 23,380 171,714	\$132,486 13,063 256,681 35,415 179,795

<sup>(1) 2001</sup> results include an unusual charge of \$27,237 for inventory write-downs for underperforming product lines; a one time additional provision for doubtful accounts of \$5,200; and \$5,519 for impairment of goodwill and other underutilized assets. The after tax impact of those unusual items was \$26,455 in aggregate.

<sup>(2) 1998</sup> included a one-time charge of \$950 (approximately \$570 after tax) resulting from costs incurred to relocate the manufacture and support of Hansvedt Inc. from Illinois to Elmira, New York, and from a workforce reduction of approximately 200 full-time jobs.

<sup>(3)</sup> Certain amounts in 2001 have been reclassified to conform with current year presentation.

<sup>(4) 2001, 2000, 1999,</sup> and 1998 SG&A included amortization of goodwill of \$826, \$144, \$144 and \$12, respectively, whereas the comparable 2002 impact was \$0 due to Statement of Financial Accounting Standards No. 142, which the Company adopted effective January 1, 2002, as discussed in Note 1 to the Financial Statements.

# ITEM 7.—MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS

#### **Results of Operations**

#### **2002** Compared to **2001**

Net Sales. Net sales for the year 2002 were \$169,014,000 compared to \$209,522,000 in 2001, a decrease of \$40,508,000, or 19.3%, as sales declined in all three geographic regions.

Sales to customers in the United States declined 30.4%, to \$62,593,000 in 2002 as compared to \$89,984,000 in 2001. This decrease, which is in addition to the decrease of 27.7% between 2000 and 2001, was caused by a continuing severe industry-wide drop in machine tool orders by U.S. manufacturers and job shops. The Association for Manufacturing Technology, the primary U.S. trade group for machine tool manufacturers, reported that U.S. orders for metal-cutting machinery declined by 25.1%, to \$1.8 billion in 2002, as compared to \$2.4 billion in 2001. Sales in the U.S. market were also reduced by the very high level of manufacturing company bankruptcies and loan defaults, leading to a surplus of used equipment available for sale.

Sales to European customers also declined during 2002. European sales were \$71,930,000 in 2002, or 9.7% below the \$79,610,000 sold in 2001. Industry information, including the reported diminished sales and financial results of several European machine tool companies, indicate that European customers purchased significantly fewer machine tools in 2002 than 2001.

Sales to other areas of the world decreased to \$34,491,000, which was 13.6% below the \$39,928,000 sold in 2001. Sales to customers in the Peoples' Republic of China remained strong in both years, but the unusually high backlog of these customers' orders at the start of 2001 caused the Company's record sales there in the first two quarters of 2001. Sales in the second half of 2002 were actually 21.3% higher than sales in the same six months of 2001.

The market forces and varying sales declines described above caused a continuing change in the global mix of Hardinge sales. In 2002, sales in the United States accounted for 37.0% of total sales, with Europe and the remainder of the world accounting for 42.6% and 20.4%, respectively. This compares to 43.0% of the Company's 2001 sales representing customers in the U.S., with the remaining 38.0% and 19.0% to Europe and the remainder of the world, respectively.

Machine sales represented 66.5% of 2002 revenues, as compared to 68.3% during the previous year. Sales of non-machine products and services, primarily repair parts and accessories, make up the balance.

The Company's backlog at December 31, 2002 was \$37,024,000, a decline of 27.7% from the \$51,202,000 backlog at December 31, 2001.

Gross Profit. Gross margin was 30.5% of sales in 2002, as compared to 17.6% of sales in 2001. The 2001 gross margins included \$27,237,000 of unusual charges for the expedited sale or scrapping of inventory pertaining to the under-performing product lines which have now been discontinued and would have been 30.6% without those unusual charges. Gross margins were adversely impacted in both years by lower recovery of fixed manufacturing overhead, due to reduced sales and production demand. This was especially pronounced in 2002 due to the 19.3% decline in 2002 sales previously discussed. This was only partially offset by the worldwide workforce reductions and other spending controls implemented throughout both years.

Selling, General, and Administrative Expenses. Selling, general and administrative ("SG&A") expenses for the year 2002 were \$44,900,000, or 26.6% of net sales, as compared to \$53,209,000, or 25.4% of sales, in 2001. This 15.6% reduction in SG&A spending, or \$8,309,000, reflected workforce reductions and spending controls throughout the Company's operations which began in 1999 but were increased during 2002. The 2001 SG&A also included \$826,000 amortization of goodwill, whereas the comparable 2002 impact was \$0 due to Statement of Financial Accounting Standards No. 142, which the Company implemented effective January 1, 2002.

Provision for Doubtful Accounts. Bad debt expense was \$1,548,000 for the year 2002, compared to \$6,676,000 incurred during 2001. The 2001 bad debt expense included \$5,200,000 from an additional provision for doubtful accounts, reflecting both the deteriorating financial condition of certain of its financed customers and changes in the Company's outlook on the value of the pledged collateral due to the depressed market values of used machinery. Without the additional charge, 2001 bad debt expense would have been \$1,476,000.

Impairment Charges. No impairment charges were incurred in 2002. The 2001 impairment charges of \$5,519,000 included \$3,542,000 for the impairment of purchased goodwill related to a 1997 acquisition as more fully described in the "2001 Compared to 2000" section below. The additional \$1,977,000 represented impairment of other assets, which have since been sold or offered for sale, and other lesser charges. The result of these measures was to reduce future expenses related to underutilized assets. The combined savings in future depreciation, amortization and aircraft operating expenses was estimated to be approximately \$750,000 per year.

Income from Operations. Income from operations was \$5,163,000, or 3.1% of sales, during 2002, as compared to a loss of \$(28,627,000) in 2001. The 2001 results included the unusual inventory charge of \$27,237,000, the one time additional provision for bad debts of \$5,200,000 and the \$5,519,000 of impairment charges, all as discussed previously. The remaining changes in 2002 results were largely due to the 19.3% reduction in sales volume, and related impacts on recovery of fixed manufacturing costs, less the various cost reduction initiatives undertaken, all as discussed previously.

Interest Expense. Interest expense for the year 2002 was \$3,978,000 compared to \$3,656,000 in 2001. The 8.8% increase was due to higher interest rates related to amendments to the Company's debt agreement in late 2001 and early 2002, partially offset by reduced borrowings as debt was reduced throughout 2002.

*Interest Income.* Interest income, primarily derived from internally financed customer sales during both years, remained relatively flat, at \$496,000 for 2002 and \$509,000 for 2001.

Income Taxes. Income tax benefits contributed \$868,000 to 2002 net income as compared to contributing \$10,245,000 in 2001. The 2002 tax benefit was despite a consolidated pre-tax income of \$1,681,000. This income tax benefit included a favorable foreign taxing authority ruling, which contributed \$472,000 not related to current year income. The 2002 tax benefits were also driven by the combination of profits earned in jurisdictions with comparatively lower tax rates offset by significant losses incurred in jurisdictions with higher tax rates, as was largely anticipated in quarterly tax provisions throughout 2002. For details of domestic versus foreign pre-tax earnings, see Note 7 to the Financial Statements.

The 2001 income tax benefit reflected a consolidated tax rate of 32.2% on the pre-tax loss of (\$31,774,000), which included the unusual inventory charge of \$27,237,000, the one time additional provision for bad debts of \$5,200,000 and the \$5,519,000 of impairment charges, which contributed 2001 income tax benefits of \$11,501,000.

Including the effects of these tax benefits, the Company has a net U.S. deferred tax asset of \$13,424,000 at December 31, 2002. Given the Company's history of U.S. earnings during past cycles and the expected market cycle upturn, which is based on independent analyses of the U.S. machine tool market as well as the Company's forecasts, the Company believes it will generate the estimated \$35,300,000 of U.S. taxable income needed to realize the value of this net deferred tax asset.

Minority Interest In (Profit) of Consolidated Subsidiary. The Company has a 51% interest in Hardinge Taiwan Precision Machinery Limited, an entity that is recorded as a consolidated subsidiary. In 2002 and 2001, respectively, \$566,000 and \$642,000 reductions in consolidated net income represent the minority stockholders' 49% share in the joint venture's net income.

Profit (Loss) In Investment of Equity Company. Hardinge EMAG GmbH generated profits for Hardinge of \$17,000 and \$318,000 for 2002 and 2001, respectively, for Hardinge's 50% interest in this joint venture.

Net Income. Net income for the year 2002 was \$2,000,000, or \$.23 per basic and diluted share, compared to a loss of (\$21,853,000), or (\$2.51) per basic and diluted share for the year 2001. As noted previously, the 2001 loss included the unusual inventory charge of \$27,237,000, the one time additional provision for bad debts of \$5,200,000, the \$5,519,000 of impairment charges, and the related income tax benefits of \$11,501,000.

The 2002 results were significantly impacted by the 19.3% reduction in sales volume, as compared to 2001, and related reductions in recovery of fixed manufacturing costs, less the various cost reduction initiatives undertaken, all as discussed previously.

#### 2001 Compared to 2000

Net Sales. Net sales for the year 2001 were \$209,522,000 compared to \$189,479,000 in 2000, an increase of \$20,043,000, or 10.6%. The Company's December 2000 acquisition of HTT Hauser Tripet Tschudin (HTT) added sales of \$39,099,000 in 2001. Excluding that acquisition, net sales for 2001 would have been \$170,423,000, a decrease of 10.1% from the previous year.

Sales in Europe and in other areas of the world excluding the U.S. increased dramatically during the year. European sales were \$79,610,000 in 2001 compared to \$43,289,000 during the prior year, for an increase of \$36,321,000, or 83.9%. \$29,532,000 of that increase was attributable to European sales of HTT. Sales in Europe by the Company's Kellenberger subsidiary also increased substantially during 2001, accounting for another \$5,862,000 of the European sales improvement. Likewise, sales to other areas of the world increased by \$18,222,000, or 84.0%, from \$21,706,000 in 2000 to \$39,928,000 in 2001. In this region, sales to customers in the Peoples' Republic of China, from both previously existing Hardinge Companies and from HTT, were primarily responsible for the increase.

On the other hand, sales to customers in the United States declined significantly, from \$124,484,000 in 2000 to \$89,984,000 in 2001, for a reduction of \$34,500,000 or 27.7%. This decrease is the result of a reduction in North American manufacturing activity levels which occurred throughout the year. That reduction has resulted in an industry-wide decline in machine tool sales to North American manufacturers.

The geographic changes described above have resulted in a significant change in the global apportionment of Hardinge sales. In 2001, sales in the United States accounted for 43.0% of total sales, with Europe and the remainder of the world accounting for 38.0% and 19.0%, respectively. This compares to 65.7% in the U.S. for the year 2000, with the remaining 22.9% and 11.4% to Europe and the remainder of the world, respectively.

Machine sales represented 68.3% of revenues for the year 2001, compared to 63.5% during the previous year. Sales of non-machine products and services make up the balance.

The Company's backlog at December 31, 2001 was \$51,202,000 compared to \$64,801,000 at December 31, 2000.

Gross Profit. The 2001 gross margin of \$36,777,000 was 17.6% of sales, as compared to \$60,948,000, or 32.2% of sales, in 2000. The 2001 costs of sales included \$27,237,000 of unusual charges for the discontinuation of several under-performing product lines. This charge was part of a new business strategy to enhance the Company's focus on lines with the best potential for long-term profitability and was in response to the recession impacting the machine tool industry and market changes that required the Company to realign its U.S. based manufacturing operations in Elmira, New York. A Company wide review of all product lines was completed before the charge was recorded. A plan was implemented to discontinue marketing and sales efforts for all discontinued products. A multi-functional task force was established to segregate and make ready for disposal all excess and obsolete inventories resulting from this

decision and to expedite the sale of any remaining new and used finished machines. This plan included determining a market selling price, and projected disposal loss for each identified machine. The \$27,237,000 charge represented a reserve to reflect the expense of the expedited sale or scrapping of the inventory related to the under-performing product lines. The physical segregation and disposition of the inventory has taken considerable time and effort. As of December 31, 2002, all excess and obsolete inventory has been discarded and many of the machines have been sold. The remaining machines are valued at a market value that the Company feels appropriate in the current market. Gross profit for the year would have been 30.6% without those unusual charges. Gross margins were also adversely impacted by lower recovery of fixed manufacturing overhead, due to the 27.7% reduction in sales to U.S. customers, and related drop in U.S. production demand, only partially offset by various workforce reductions and other spending controls. Throughout 2001, the Company reduced its North American workforce with 250 of those reductions in the manufacturing areas, which lowered its cost of sales throughout the year. There were no significant severance costs incurred relative to those reductions. The future annual impact of these reductions will be to reduce cost of sales by approximately \$10,000,000.

Selling, General, and Administrative Expenses. Selling, general and administrative ("SG&A") expenses for the year 2001 were \$53,209,000, or 25.4% of net sales, compared to 24.8% during the previous year. The \$6,172,000 increase was primarily due to the SG&A incurred at HTT. The Company reduced its North American selling, general and administrative workforce by 150 people during 2001. There were no significant severance costs associated with those reductions. The future annual impact of these reductions, along with other expense reductions, will be to reduce costs by approximately \$8,000,000.

Provision for Doubtful Accounts. The 2001 bad debt expense of \$6,676,000 included \$5,200,000 for a one time additional bad debt provision, which reflected both the deteriorating financial condition of certain of its financed customers and changes in the Company's outlook on the value of the pledged collateral due to the depressed market values of used machinery. Without that one time additional charge, 2001 bad debt expense would have been \$1,476,000. Bad debt expense was \$1,242,000 in 2000.

Impairment Charges. The realignment charges described above included a \$3,542,000 charge for the write-off of the remaining Goodwill from the 1997 acquisition of Hansvedt Industries. The Company observed a clear decline in EDM product sales since the acquisition of the Hansvedt Company in 1997. Upon review in the third quarter of 2001, it was determined that sales of these products were consuming disproportionately high levels of pre-sales and post-sales technical support and management's time and attention. Furthermore, it was decided that future growth and profitability would require substantial investment in product development. It was also determined that, given the limited future market for these products and the Company's low current market share, prospects for sufficient return on those investments would be poor. Based upon this, the Company decided to discontinue sales of Hansvedt products, and, consequently, wrote off the goodwill remaining from this acquisition. The only other asset remaining on the Company's books related to this acquisition was inventory, and the net disposition loss on that inventory is included in the inventory write offs discussed above. Sales of Hansvedt products from January through September of 2001 totaled only \$1.9 million.

An additional \$1,977,000 of impairment charge represented impairment of other assets, which have since been sold or offered for sale, and other, lesser charges. The result of these measures was to reduce future expenses related to underutilized assets. The combined savings in future depreciation, amortization and aircraft operating expenses was estimated to be approximately \$750,000 per year. No impairment charges were incurred in 2000.

Income from Operations. The 2001 loss from operations was (\$28,627,000) as compared to a profit from operations of \$12,669,000 in 2000. The 2001 loss included the unusual inventory charge of \$27,237,000, the one time additional provision for bad debts of \$5,200,000 and the \$5,519,000 of impairment charges, as discussed previously.

Interest Expense. Interest expense for the year 2001 was \$3,656,000 compared to \$1,736,000 for the previous year. The increase was primarily due to borrowing \$31,511,000 for the acquisition of HTT. Partially offsetting the effect of this increased debt were decreases in interest rates on borrowings.

Interest Income. Interest income, primarily derived from internally financed customer sales during both years, remained relatively flat, at \$509,000 for 2001 and \$582,000 for 2000.

Income Taxes. The 2001 income tax benefit of (\$10,245,000) reflected a consolidated tax rate of 32.2% on the pre-tax loss of (\$31,774,000). This 2001 loss included the unusual inventory charge of \$27,237,000, the one time additional provision for bad debts of \$5,200,000 and the \$5,519,000 of impairment charges, which contributed 2001 income tax benefits of \$11,501,000. The 2000 income tax expense of \$3,631,000 reflected a consolidated income tax rate of 31.5% on taxable income of \$11,515,000.

Minority Interest In (Profit) of Consolidated Subsidiary. The Company has a 51% interest in Hardinge Taiwan Precision Machinery Limited, an entity that is recorded as a consolidated subsidiary. In 2001 and 2000, respectively, \$642,000 and \$263,000 reductions in net income represent the minority stockholders' 49% share in the joint venture's net income.

Profit (Loss) In Investment of Equity Company. Hardinge EMAG GmbH generated \$318,000 and (\$89,000) for 2001 and 2000, respectively, for Hardinge's 50% interest in this joint venture.

Net Income. Net income for the year 2001 was a loss of (\$21,853,000), or (\$2.51) per basic and diluted share, compared to \$7,532,000, or \$.86 per basic and diluted share, for the year 2000. As noted previously, the 2001 loss included unusual charges of \$37,956,000 and the related income tax benfits of \$11,501,000. Other reductions in earnings were the result of the reduced North American sales, and other factors, as discussed above.

#### Liquidity and Capital Resources

The Company's current ratio at December 31, 2002 was 3.34:1 compared to 1.66:1 at December 31, 2001. The December 31, 2001 current ratio was significantly impacted by the classification of the entire revolving loan agreement debt, with a balance of \$26,911,000, and two term loan debts with a combined balance of \$28,438,000, as current debt at December 31, 2001. In October, 2002, these debts were repaid with funds provided by a new revolving loan agreement, which expires in August, 2005, and a new term loan agreement which expires in December 2007. Based on these new debt agreements, the equivalent December 31, 2002 debts have been classified as long-term liabilities.

As shown in the consolidated statements of cash flows, cash generated from operating activities in 2002 totaled \$21,875,000, compared to \$10,056,000 generated during 2001, for an increase of \$11,819,000 or 117.5%. Net income was \$2,000,000 in 2002, compared to a 2001 net (loss) of (\$21,853,000). The 2001 loss included \$37,919,000 of non-cash charges described previously, partially offset by the related income tax benefits of \$11,501,000.

Changes in inventory resulted in \$15,490,000 of improved cash generation between 2002 and 2001, due to a \$6,189,000 inventory decrease in 2002 compared to a \$9,301,000 inventory increase in 2001, excluding the effects of the \$27,237,000 2001 non-cash inventory charge described previously. All other changes in operating assets and liabilities resulted in an additional \$4,013,000 of improved cash generation.

The Company has provided long-term financing for the purchase of its equipment by qualified end-user customers in North America and regards customer financing options as an important part of its marketing efforts, particularly to independent machine shops. Beginning in 2002, the Company has largely replaced the prior internal program by offering lease programs from selected established equipment lease financing companies in the U.S. and Canada. Before that change, customer financing was generally offered for a term of up to seven years, with the Company retaining a security interest in the purchased equipment and filing appropriate liens. In the event of a customer default and foreclosure, it is the practice of the

Company to recondition and resell the equipment. It has been the Company's experience that such equipment resales have realized most, but not all, of the remaining contract value.

In order to reduce debt and finance current operations, the Company previously sold a substantial portion of its underlying customer notes receivable to various financial institutions. In 2002, largely because of the program replacement described previously, there were no sales of customer notes. In 2001, the Company sold \$14,120,000 of customer notes. The remaining outstanding balances of all notes sold as of December 31, 2002 was \$32,288,000. Recourse against the Company from default of most of the notes included in the sales is limited to 10% of the then outstanding balance of the underlying notes. The Company retained no rights to any retained interest in these notes and surrendered ultimate control over the notes. There were no repurchase or remarketing agreements with these financial institutions. Long-term customer notes receivable held by the Company totaled \$8,392,000 and \$10,394,000 at December 31, 2002 and December 31, 2001, respectively.

The Company conducts some of its manufacturing, sales and service operations from leased space with lease terms up to 20 years and uses certain data processing equipment under lease agreements expiring at various dates during the next five years. Rent expense under these leases totaled \$2,587,000, \$2,479,000, and \$2,219,000, during the years ended December 31, 2002, 2001, and 2000, respectively. Future minimum payments under noncancelable operating leases over the next five years are \$1,933,000, \$1,318,000, \$975,000, \$649,000, and \$507,000, respectively.

Total capital expenditures were \$2,337,000 in 2002, as compared to \$6,293,000 in 2001. In 2002, expenditures were primarily for the completion of a building in Switzerland and acquisition of manufacturing equipment. The Company expects that future capital expenditures will be financed through operations or available bank borrowings.

Financing activities during 2002 used cash of \$22,165,000, primarily for the paydown of long-term debt, which decreased by \$25,529,000 during 2002, partially offset by additional short-term bank note debts of \$4,602,000. The amounts shown as long term debt payments represent the net amount of transactions under the revolving loan agreements and the net impact of changing the term loan and revolving loan during the year. The increase in short term bank note debts represents increased borrowings on the \$7 million unsecured line and the amounts under overdraft facilities at our foreign subsidiaries. Payment of dividends used \$868,000 of cash.

Hardinge maintains a revolving loan agreement with a group of U.S. banks. On October 24, 2002, the Company executed a new revolving loan agreement, which expires in August, 2005 and replaces the prior agreement which would have expired in August, 2003. The new loan agreement provides for borrowing of up to \$30,000,000 secured by substantially all of the Company's domestic assets other than real estate and by a pledge of two-thirds of its investment in its Canadian and European subsidiaries. This loan agreement also provides for revised financial covenants commensurate with the Company's current business levels.

On October 24, 2002 the Company also replaced its prior five year \$23,000,000 term loan with a new term loan with substantially the same security and financial covenants as provided under the revolving loan agreement described in the previous paragraph.

The Company's Kellenberger subsidiary maintains an unsecured overdraft facility with commercial banks which permit borrowing up to 5,000,000 Swiss francs which is equivalent to approximately \$3,614,000. There were no borrowings under this facility at December 31, 2002, and 2001. The Company also executed a new loan agreement with a Swiss bank in the third quarter of 2002, providing for borrowing up to 7,500,000 Swiss francs which is equivalent to approximately \$5,422,000. This agreement is secured by the real property owned by Kellenberger AG, a wholly owned subsidiary of the Company. There have not been any borrowings on this loan.

The Company's HTT subsidiary maintains overdraft facilities with commercial banks which permit borrowing in Swiss francs up to 4,500,000 which is equivalent to approximately \$3,253,000. These facilities are secured by an interest in the Company's real property. At December 31, 2002, total borrowings under

these agreements were \$1,873,000. HTT is also obligated under terms of a mortgage agreement with commercial banks on its factory building. At December 31, 2002 the total balance outstanding on this loan was \$5,368,000.

During the first quarter of 1996, the Company entered into a long-term borrowing agreement for \$17,750,000 with a syndication of banks. The proceeds were used to repay revolving loan borrowing which had originally been used to finance the acquisition of Kellenberger. This loan was repaid in October 2002 without penalty.

These facilities, along with other short term credit agreements, provide for immediate access of up to \$80,737,000. Outstanding borrowings under these arrangements totaled \$42,000,000, or 52.0% of the Company's borrowing capacity, at December 31, 2002.

The Company believes that the currently available funds and credit facilities, along with internally generated funds, will provide sufficient financial resources for ongoing operations.

#### Market Risk

The following information has been provided in accordance with the Securities and Exchange Commission's requirements for disclosure of exposures to market risk arising from certain market risk sensitive instruments.

The Company's earnings are affected by changes in short-term interest rates as a result of its floating interest rate debt. However, due to its purchase of interest rate swap agreements, the effects of interest rate changes are limited. If market interest rates on debt subject to floating interest rates were to have increased by 2% over the actual rates paid in that year, interest expense would have increased by \$312,000 in 2002 and \$443,000 in 2001, after considering the effect of the interest rate swap agreements. These amounts are determined by considering the impact of hypothetical interest rates on the Company's borrowing cost and interest rate swap agreements. These analyses do not consider the effects of the reduced level of economic activity that could exist in such an environment. Furthermore, in the event of a change of significant magnitude, management would likely take actions to further mitigate its exposure to the change. However, due to the uncertainty of the specific actions that would be taken and their possible effects, the sensitivity analysis assumes no changes in the Company's financial structure.

A portion of the Company's operations consists of manufacturing and sales activities in foreign jurisdictions. The Company manufactures its products in the United States, Switzerland, Taiwan and Germany using production components purchased internationally, and sells the products in those markets as well as other worldwide markets. The U.S. parent purchases grinding machines manufactured in Switzerland by its Swiss subsidiaries. Likewise, it purchases vertical machining centers manufactured in Taiwan by its 51% owned Taiwanese subsidiary and it purchases vertical lathes from its 50% joint venture, Hardinge EMAG GmbH. The Company's subsidiaries in the U.K., Germany, Switzerland and Canada sell products in local currency to customers in those countries. The Company's Taiwanese subsidiary sells products to foreign purchasers in U.S. dollars. As a result, the Company's financial results could be significantly affected by factors such as changes in foreign currency exchange rates or weak economic conditions in the foreign markets in which the Company distributes its products. The Company's operating results are exposed to changes in exchange rates between the U.S. dollar, Canadian dollar, U.K. pound, Swiss franc, Euro, New Taiwan Dollar, and Japanese ven. For example, when the U.K. pound or Swiss franc strengthens against other European currencies, the value of sales denominated in these other currencies decreases when translated to pounds or Swiss francs. When the U.S. dollar strengthens against the Japanese yen, the price of competitive Japanese imports to the United States decreases. To mitigate the short-term effect of changes in currency exchange rates on the Company's functional currency based purchases and sales, the Company regularly hedges by entering into foreign exchange forward contracts to hedge portions of its 3 to 6 months' planned purchase and sales transactions.

#### **Discussion of Critical Accounting Policies**

The preparation of the Company's financial statements requires the application of a number of accounting policies which are described in the notes to the financial statements. These policies require the use of assumptions or estimates, which, if interpreted differently under different conditions or circumstances, could result in material changes to the reported results. Following is a discussion of those accounting policies, which were reviewed with the Company's audit committee, which the company feels are most susceptible to such interpretation.

Accounts and Notes Receivable. The Company assesses the collectibility of its trade accounts and notes receivable using a combination of methods. It reviews large individual accounts for evidence of circumstances that suggest a collection problem might exist. Such situations include, but are not limited to, the customer's past history of payments, its current financial condition as evidenced by credit ratings, financial statements or other sources, and previous recent collection activities. The Company's notes receivable are limited to machine sales to end-user customers in North America, and a security interest is normally maintained in the equipment sold under terms of the notes. In cases where repossession may be likely, the Company estimates the probable resale potential of the assets to be repossessed net of repossession, refurbishment and resale costs, and provides a reserve for the remaining receivable balance after realization of such proceeds. Additionally, the Company provides a reserve for losses based on current payment trends in the economies where it holds concentrations of receivables and provides a reserve for what it believes to be the most likely risk of uncollectibility. In order to make these allowances, the Company must rely on assumptions regarding economic conditions, equipment resale values, and the likelihood that previous performance will be indicative of future results.

*Inventories.* The Company uses a number of assumptions and estimates in determining the value of its inventory. An allowance is provided for the value of inventory quantities of specific items that are deemed to be excessive based on past usage and anticipated future usage. While the Company feels this is the most appropriate methodology for determining excess quantities, the possibility exists that customers will change their buying habits in the future should their own requirements change. Changes in metalcutting technology can render certain products obsolete or reduce their market value. The Company continually evaluates changes in technology and adjusts its products and inventories accordingly, either by write-off or by price reductions. However, the possibility exists that a future technological development, currently unanticipated, might affect the marketability of specific products produced by the Company. The Company includes in the cost of its inventories a component to cover the estimated cost of overhead activities associated with production of its products. The Company believes that being able to offer immediate delivery on many of its products is critical to its competitive success. Likewise, it believes that maintaining an inventory of service parts, with a particular emphasis on purchased parts, is especially important to support its policy of maintaining serviceability of its products. Consequently, it maintains significant inventories of repair parts on many of its machine models, including some which are no longer in production. The Company's ability to accurately determine which parts are needed to maintain this serviceability is critical to its success in managing this element of its business.

Intangible Assets. The Company has on several occasions acquired other machine tool companies. When doing so, it has used outside specialists to assist it in determining the value of assets acquired, and has used traditional models for establishing purchase price based on EBITDA multiples and present value of cash flows. Consequently, the value of goodwill on the Company's balance sheet has been affected by the use of numerous estimations of the value of assets purchased and of future business opportunity.

Net Deferred Tax Assets. The Company has a U.S. net deferred tax asset of \$13,400,000, at December 31, 2002, which the Company expects to recover by generating the necessary estimated \$35,300,000 of U.S. taxable income, as previously discussed within the Income Taxes section above. The Company is continually analyzing the facts and circumstances available in order to evaluate the realization of the deferred tax assets.

#### Accounting For Derivative Instruments And Hedging Activities

The Company adopted Financial Accounting Standards Board Statement No. 133, Accounting For Derivative Instruments And Hedging Activities, on January 1, 2001. The statement requires the Company to recognize all its derivative instruments on the balance sheet at fair value. Derivatives that are not qualifying hedges must be adjusted to fair value through income. If the derivative is a qualifying hedge, depending on the nature of the hedge, changes in the fair value of derivatives will either be offset against the change in fair value of the hedged assets, liabilities, or firm commitments through earnings or recognized in other comprehensive income until the hedged item is recognized in earnings. The ineffective portion of a derivative's change in fair value will be immediately recognized in earnings.

The Company accounted for the accounting change as a cumulative effect of an accounting principle. The adoption of Statement 133, resulted in a cumulative effect of an accounting change of a credit of \$25,000 to other comprehensive income in the first quarter of 2001.

#### **New Accounting Standards**

In June 2001, the Financial Accounting Standards Board issued Statements of Financial Accounting Standards No. 141, *Business Combinations*, and No. 142, *Goodwill and Other Intangible Assets*. Statement 141 requires that the purchase method of accounting be used for all business combinations initiated after June 30, 2001. Statement 141 also includes guidance on the initial recognition and measurement of goodwill and other intangible assets arising from business combinations completed after June 30, 2001. Statement 142 prohibits the amortization of goodwill and intangible assets with indefinite useful lives. Statement 142 requires that these assets be reviewed for impairment at least annually. Intangible assets with finite lives will continue to be amortized over their estimated useful lives.

As discussed in Note 1 to the Financial Statements, the Company adopted the provisions of Statements of Financial Accounting Standards 142 as of January 1, 2002. The Company completed the transitional impairment testing of goodwill during the second quarter of fiscal 2002 and the first subsequent annual impairment testing during the fourth quarter of 2002. In both cases, the Company determined that there was no goodwill impairment. The total carrying amount of goodwill as of December 31, 2002 was \$16,390,000. This entire amount results from the December 2000 acquisition of HTT (Hauser Tripet Tschudin AG). The asset value of this goodwill increased by \$2,730,000, or 20%, during 2002, with the entire change caused by the increased dollar value of the Swiss franc, the functional currency of the Company's HTT subsidiary, whose balance sheet includes this goodwill.

Effective January 1, 2002, the Company implemented Statements of Financial Accounting Standards No. 143, Accounting for Asset Retirement Obligations which addresses financial accounting and reporting for obligations associated with the retirement of tangible long-lived assets and the related asset retirement costs. The statement requires that the fair value of a liability for an asset retirement obligation be recognized in the period in which it is incurred and capitalized as part of the carrying amount of the long-lived asset. When a liability is initially recorded, the entity capitalizes the cost by increasing the carrying value of the related long-lived asset. Over time, the liability is accreted to its present value each period, and the capitalized cost is depreciated over the useful life of the related asset. Upon settlement of the liability, a gain or loss is recorded. The early adoption of this statement did not have an effect on the Company.

In October 2001, the Financial Accounting Standards Board issued Statements of Financial Accounting Standards No. 144, Accounting for the Impairment or Disposal of Long-Lived Assets which supersedes Statements of Financial Accounting Standards No. 121 Accounting for the Impairment of Long-Lived Assets and for Long-Lived Assets to be Disposed of. Although retaining many of the provisions of SFAS No. 121, SFAS No. 144 establishes a uniform accounting model for long-lived assets to be disposed. The Company's adoption of this statement in the first quarter of 2002 did not have an impact on the Company's financial results.

In June 2002, the Financial Accounting Standards Board issued Statements of Financial Accounting Standards No. 146, Accounting for Costs Associated with Exit or Disposal Activities, which requires the recognition of expense when the liability is incurred and not as a result of an entity's commitment to an exit plan. The statement is effective for exit or disposal activities initiated after December 31, 2002. The adoption of SFAS No. 146 in the first quarter of 2003 is not expected to have a significant impact on the Company's financial results.

In December 2002, the Financial Accounting Standards Board issued Statements of Financial Accounting Standards No. 148, Accounting for Stock-Based Compensation—Transition and Disclosure, an amendment of SFAS No. 123, Accounting for Stock-Based Compensation. SFAS No. 148, which is effective for years ending after December 15, 2002, provides alternative methods for a voluntary change to the fair value based method of accounting for stock-based employee compensation and requires prominent disclosure about the method of accounting for stock-based employee compensation and the effect of the method used on reported results. The Company's adoption of SFAS No. 148 in 2002 enhanced stock-based employee compensation disclosures and had no effect on the method of accounting followed by the Company, as the Company continues to follow the provisions of APB Opinion No. 25.

In November, 2002, the Financial Accounting Standards Board issued Interpretation No. 45, Guarantor's Accounting and Disclosure Requirements for Guarantees, Including Indirect Guarantees of Indebtedness of Others. The Interpretation requires certain guarantees to be recorded at fair value, which is different from prior Generally Accepted Accounting Principles (GAAP). The Interpretation also requires a guarantor to make new disclosures. The Company adopted this Interpretation with the Form 10-K issued for the period ended December 31, 2002 and has provided the stipulated additional disclosures regarding warranties.

This report contains statements of a forward-looking nature relating to the financial performance of Hardinge Inc. Such statements are based upon information known to management at this time. The company cautions that such statements necessarily involve uncertainties and risk and deal with matters beyond the company's ability to control, and in many cases the company cannot predict what factors would cause actual results to differ materially from those indicated. Among the many factors that could cause actual results to differ from those set forth in the forward-looking statements are fluctuations in the machine tool business cycles, changes in general economic conditions in the U.S. or internationally, the mix of products sold and the profit margins thereon, the relative success of the company's entry into new product and geographic markets, the company's ability to manage its operating costs, actions taken by customers such as order cancellations or reduced bookings by customers or distributors, competitors' actions such as price discounting or new product introductions, governmental regulations and environmental matters, changes in the availability and cost of materials and supplies, the implementation of new technologies and currency fluctuations. Any forward-looking statement should be considered in light of these factors. The company undertakes no obligation to revise its forward-looking statements if unanticipated events alter their accuracy.

#### ITEM 7A.—QUANTITATIVE AND QUALITATIVE DISCLOSURES ABOUT MARKET RISK.

The information required by this item is incorporated herein by reference to the section entitled "Market Risk" in Item 7, Management's Discussion and Analysis of Results of Operations and Financial Condition, of this Form 10K.

#### ITEM 8—FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA

#### HARDINGE INC. AND SUBSIDIARIES

# INDEX TO FINANCIAL STATEMENTS December 31, 2002

#### **Audited Consolidated Financial Statements**

Report of Independent Auditors
Consolidated Balance Sheets
Consolidated Statements of Operation
Consolidated Statements of Shareholders' Equity
Consolidated Statements of Cash Flows
Notes to Consolidated Financial Statements

Schedule II—Valuation and Qualifying Accounts is included in Item 15(a) of this report.

All other schedules for which provision is made in the applicable accounting regulation of the Securities and Exchange Commission are not required under the related instructions or are inapplicable and, therefore, have been omitted.

#### Report of Independent Auditors

Board of Directors Hardinge Inc.

We have audited the accompanying consolidated balance sheets of Hardinge Inc. and Subsidiaries as of December 31, 2002 and 2001, and the related consolidated statements of operations, shareholders' equity and cash flows for each of the three years in the period ended December 31, 2002. Our audits also included the financial statement schedule listed in the Index 15(a). These financial statements and schedule are the responsibility of the Company's management. Our responsibility is to express an opinion on these financial statements and schedule based on our audits.

We conducted our audits in accordance with auditing standards generally accepted in the United States. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audits provide a reasonable basis for our opinion.

In our opinion, the consolidated financial statements referred to above present fairly, in all material respects, the consolidated financial position of Hardinge Inc. and Subsidiaries at December 31, 2002 and 2001 and the consolidated results of their operations and their cash flows for each of the three years in the period ended December 31, 2002, in conformity with accounting principles generally accepted in the United States. Also, in our opinion, the related financial statement schedule, when considered in relation to the basic financial statements taken as a whole, presents fairly in all material respects the information set forth therein.

As discussed in the notes to the consolidated financial statements, the Company adopted Statement of Financial Accounting Standard No. 142, *Goodwill and Other Intangible Assets*, effective January 1, 2002.

Ernst + Young LLP

**ERNST & YOUNG LLP** 

Buffalo, New York January 29, 2003

#### HARDINGE INC. AND SUBSIDIARIES

# Consolidated Balance Sheets (In Thousands)

	Decem	er 31,	
	2002	2001	
Assets			
Current assets:			
Cash	\$ 2,175	\$ 4,608	
Accounts receivable, net	38,519	38,562	
Notes receivable, net	6,333	6,961	
Inventories	87,748	87,465	
Deferred income taxes	4,243	9,558	
Income tax receivables	5,795	4,648	
Prepaid expenses	3,362	4,381	
Total current assets	148,175	156,183	
Property, plant and equipment:			
Land and buildings	50,861	45,804	
Machinery, equipment and fixtures	99,473	98,371	
Office furniture, equipment and vehicles	6,481	5,539	
	156,815	149,714	
Less accumulated depreciation	87,908	79,490	
Net Describe allowed deproduction			
Net Property, plant and equipment	68,907	70,224	
Other assets:			
Notes receivable	8,392	10,394	
Deferred income taxes	9,268	3,659	
Intangible pension asset	2,630		
Goodwill	16,390	13,660	
Other	2,523	3,752	
	39,203	31,465	
Total assets	\$256,285	\$257,872	

See accompanying notes.

#### HARDINGE INC. AND SUBSIDIARIES

# Consolidated Balance Sheets (In Thousands)

	Decem	ber 31,
	2002	2001
Liabilities and shareholders' equity		
Current liabilities:		
Accounts payable	\$ 14,417	\$ 12,757
Notes payable to bank	5,351	464
Accrued expenses	13,995	20,993
Accrued income taxes	1,150	1,889
Deferred income taxes	3,273	2,623
Current portion of long-term debt	6,125	55,620
Total current liabilities	44,311	94,346
Other liabilities:		
Long-term debt	30,526	4,474
Accrued pension plan expense	17,356	6,113
Deferred income taxes	2,525	1,810
Accrued postretirement benefits	5,838	5,795
Derivative financial instruments	5,257	
Other liabilities	2,255	2,251
	63,757	20,443
Equity of minority interest	2,431	1,868
Shareholders' equity:		
Preferred stock, Series A, par value \$.01 per share;		
Authorized 2,000,000; issued—none		
Common stock, \$.01 par value:		
Authorized shares—20,000,000;		
Issued shares—9,919,992 at December 31, 2002 and 2001	99	99
Additional paid-in capital	61,139	61,328
Retained earnings	105,612	104,480
Treasury shares	(15,068)	(14,934)
Accumulated other comprehensive loss	(4,562)	(7,799)
Deferred employee benefits	(1,434)	(1,959)
Total shareholders' equity	145,786	141,215
Total liabilities and shareholders' equity	\$256,285	\$257,872

See accompanying notes.

#### HARDINGE INC. AND SUBSIDIARIES

# Consolidated Statements of Operations (In Thousands Except Per Share Data)

	Year F	er 31,	
	2002	2001	2000
Net sales	\$169,014	\$209,522	\$189,479
Cost of sales	117,403	145,508	128,531
Unusual charge		27,237	
Gross profit	51,611	36,777	60,948
Selling, general and administrative expenses	44,900	53,209	47,037
Provision for doubtful accounts	1,548	6,676	1,242
Impairment charge		5,519	
Income (loss) from operations	5,163	(28,627)	12,669
Interest expense	3,978	3,656	1,736
Interest(income)	(496)	(509)	(582)
Income (loss) before income taxes and minority interest in			
consolidated subsidiary and investment of equity company	1,681	(31,774)	11,515
Income taxes (benefits)	(868)	(10,245)	3,631
Minority interest in (profit)loss of consolidated subsidiary	(566)	(642)	(263)
Profit(loss)in investment of equity company	17	318	(89)
Net income (loss)	\$ 2,000	<u>\$(21,853)</u>	\$ 7,532
Per share data:			
Basic earnings per share:			
Weighted average number of common shares outstanding	8,687	<u>8,695</u>	<u>8,755</u>
Earnings (loss) per share	\$ .23	\$ (2.51)	\$ .86
Diluted earnings per share:			
Weighted average number of common shares outstanding	8,687	8,695	8,794
Earnings (loss) per share	\$ .23	\$ (2.51)	\$ .86
Cash dividends declared per share	\$ .10	\$ .53	\$ .56

See accompanying notes.

# Consolidated Statements of Shareholders' Equity (Dollars in thousands)

	Common Stock	Additional Paid-in Capital	Retained Earnings	Treasury Stock	Accumulated Other Comp. Income (Loss)	Deferred Employee Benefits	Total Shareholders' Equity_
Balance at December 31, 1999	\$99	\$61,760	\$128,325	\$(10,199)	\$(4,143)	\$(4,128)	\$171,714
Comprehensive Income Net income			7,532				7,532
adjustment					(963)		(963)
hedge, net of tax					(1,133)		(1,133)
Comprehensive income							5,436
Dividends declared		-	(4,902)				(4,902)
Shares issued and forfeited pursuant to long-term incentive plan		(177)		404		(118) 1,595	109 1,595
Tax effect from long-term incentive plan Net purchase of treasury stock		(41)		(4,448)			(41) (4,448)
Balance at December 31, 2000	\$99	\$61,542	\$130,955	\$(14,243)	\$(6,239)	\$(2,651)	\$169,463
Comprehensive Income Net (loss)			(21,853)				(21,853)
Foreign currency translation  adjustment			•		(1,326)		(1,326)
change, net of tax					25		25
Unrealized (loss) on cash flow hedge, net of tax					(980)		(980)
hedge, net of tax					721		721
Comprehensive (loss)							(23,413)
Dividends declared			(4,622)				(4,622)
long-term incentive plan		(246)		531		(285) 977	977
plan		36 (4)		(1,222)			36 (1,226)
Balance at December 31, 2001	\$99	\$61,328	\$104,480	\$(14,934)	\$(7,799)	\$(1,959)	\$141,215
Comprehensive Income	*	\$01,0 <u>2</u> 0	,	4(1,,,,,,,,	<b>4</b> (7,722)	4(2,500)	ŕ
Other comprehensive income (loss)			2,000		(5 112)		2,000
Pension liability, net of tax Foreign currency translation					(5,112)		(5,112)
adjustment					12,417		12,417
hedge, net of tax					(441)		(441)
Unrealized (loss) on net investment hedge, net of tax					(3,627)		(3,627)
Comprehensive income							5,237
Dividends declared			(868)				(868)
Shares issued and forfeited pursuant to long-term incentive plan		(47)		266		(47) 572	172 572
Tax benefit from long-term incentive plan		(142)		(400)			(142) (400)
Balance at December 31, 2002	\$99	\$61,139	\$105,612	\$(15,068)	\$(4,562)	\$(1,434)	\$145,786

See accompanying notes.

# Consolidated Statements of Cash Flows (In Thousands)

	Year E	er 31,	
	2002	2001	2000
Operating activities			
Net income (loss)	\$ 2,000	\$(21,853)	\$ 7,532
Adjustments to reconcile net income to net cash provided by (used in)	,	( , ,	ŕ
operating activities:			
Noncash portion of unusual charges		33,077	
Impairment charge		4,842	
Depreciation and amortization	8,967	10,722	9,827
Provision for deferred income taxes	2,249	(7,663)	(542)
Funds provided by minority interest	566	642	263
Loss on sale of assets		797	
Foreign currency transaction loss	(296)	606	134
Changes in operating assets and liabilities:			
Accounts receivable	2,312	4,621	6,115
Notes receivable	2,739	3,123	(1,848)
Income tax receivable	(1,147)	(4,648)	
Inventories	6,189	(9,301)	(6,850)
Other assets	2,930	260	(1,596)
Accounts payable	337	(4,718)	2,348
Accrued expenses	(5,014)	(499)	2,559
Accrued postretirement benefits	43	48	129
Net cash provided by operating activities	21,875	10,056	18,071
Investing activities			
Capital expenditures—net	(2,337)	(6,293)	(3,171)
Proceeds from sale of asset		1,833	
Acquisition of HTT, net of cash acquired			(21,479)
Investment in Hardinge EMAG	(17)	(318)	(1,338)
Net cash (used in) investing activities	(2,354)	(4,778)	(25,988)
Financing activities			
Increase (decrease) in short-term notes payable to bank	4,602	(6,704)	1,383
(Decrease) increase in long-term debt	(25,529)	9,304	17,385
Purchase of treasury stock	(370)	(1,226)	(4,338)
Dividends paid	(868)	(4,622)	(4,902)
Net cash (used in) provided by financing activities	(22,165)	(3,248)	9,528
Effect of exchange rate changes on cash	211	(162)	(27)
Net (decrease) increase in cash	(2,433)	1,868	1,584
Cash at beginning of year	4,608	2,740	1,156
Cash at end of year	\$ 2,175	\$ 4,608	\$ 2,740

See accompanying notes.

# Notes to Consolidated Financial Statements December 31, 2002

## 1. Significant Accounting Policies

#### Nature of Business

Hardinge Inc. is a machine tool manufacturer, which designs, manufactures and distributes metal cutting lathes, grinding machines, machining centers, and tooling and accessories related to metal cutting machines. Sales are principally in the United States and Western Europe. Sales are also made to customers in Canada, China, Mexico, Japan, Australia, and other foreign countries. A substantial portion of the Company's sales are to small and medium-sized independent job shops, which in turn sell machined parts to their industrial customers. Industries directly and indirectly served by the Company include: aerospace, automotive, construction equipment, defense, energy, farm equipment, fiber optics, medical equipment, recreational equipment, telecommunications, and transportation.

## Principles of Consolidation

The consolidated financial statements include the accounts of the Company and its wholly-owned and majority-owned subsidiaries. All significant intercompany accounts and transactions are eliminated in consolidation. The consolidated accounts do not include an unconsolidated subsidiary which is a joint venture in which the Company owns 50% of the stock but does not have control of operations.

### Use of Estimates

The preparation of financial statements in conformity with accounting principles generally accepted in the United States requires management to make estimates and assumptions that affect the amounts reported in the financial statements and accompanying notes. Actual results could differ from those estimates.

### Inventories

Inventories are stated at the lower of cost (first-in, first-out method) or market. They are summarized as follows:

	Decen	nber 31,
	2002	2001
	(in the	ousands)
Finished products	\$30,045	\$ 32,494
Work-in-process	30,180	30,812
Raw materials and purchased components	27,523	24,159
	\$87,748	\$ 87,465

Changes during 2002 in the market exchange rate of the U.S. dollar against the Swiss Franc caused a \$5,973,000 increase in the dollar value of inventories of the Company's two Swiss subsidiaries, Kellenberger AG and HTT AG. Accounting rules require the translation of the balance sheet of foreign subsidiaries into dollars at the exchange rate at the date of the balance sheet. Increases of \$500,000 also resulted for the Company's other foreign entities, due to the strengthening of their currencies.

# Notes to Consolidated Financial Statements (Continued) December 31, 2002

## 1. Significant Accounting Policies (Continued)

## Property, Plant and Equipment

Property additions, including major renewals and betterments, are recorded at cost and are depreciated over their estimated useful lives. Upon retirement or disposal of an asset, the asset and related allowance for depreciation are eliminated and any resultant gain or loss is credited or charged to income. Depreciation is provided on the straight-line and sum of the years digits methods. Total depreciation expense on property, plant and equipment was \$7,939,000, \$8,451,000, and \$7,691,000 for 2002, 2001 and 2000, respectively. The depreciable lives of the Company's fixed assets vary according to the projected effective life of the specific asset, and for the U.S. operations, generally are: 40 years for buildings, 12 years for machinery, 10 years for patterns, tools, jigs, and furniture and fixtures, and 5 years for office and computer equipment.

## Account Receivable

The Company performs periodic credit evaluations of its customers' financial condition and generally does not require collateral. The Company considers trade accounts receivable to be past due when in excess of 30 days past terms, and charges off uncollectible balances when all collection efforts have been exhausted.

## Goodwill and Intangibles

In June 2001, the Financial Accounting Standards Board issued Statements of Financial Accounting Standards No. 141, *Business Combinations*, and No. 142, *Goodwill and Other Intangible Assets*. Statement 141 requires that the purchase method of accounting be used for all business combinations initiated after June 30, 2001. Statement 141 also includes guidance on the initial recognition and measurement of goodwill and other intangible assets arising from business combinations completed after June 30, 2001. Statement 142 prohibits the amortization of goodwill and intangible assets with indefinite useful lives. Statement 142 requires that these assets be reviewed for impairment at least annually. Intangible assets with finite lives will continue to be amortized over their estimated useful lives.

The Company adopted the provisions of Statements of Financial Accounting Standards 142 as of January 1, 2002. SFAS 142 allows up to six months from the date of adoption to complete the transitional goodwill impairment test which requires the comparison of the fair value of a reporting unit to its carrying value (using amounts measured as of the beginning of the year of adoption) to determine whether there is an indicated transitional goodwill impairment. The quantification of impairment requires the calculation of an "implied" fair value for a reporting unit's goodwill. If the implied fair value of the reporting unit's goodwill is less than its recorded goodwill, a transitional goodwill impairment charge is recognized and reported as a cumulative effect of a change in accounting principle. The Company completed the transitional impairment testing of goodwill during the second quarter of 2002 and the first subsequent annual impairment testing during the fourth quarter of 2002. In both cases, the Company determined that there was no goodwill impairment.

The total carrying amount of goodwill as of December 31, 2002 was \$16,390,000. This entire asset resulted from the December 2000 acquisition of HTT Hauser Tripet Tschudin AG. The asset value of this goodwill increased by \$2,730,000, or 20%, during 2002, with the entire change caused by the increased

# Notes to Consolidated Financial Statements (Continued) December 31, 2002

## 1. Significant Accounting Policies (Continued)

dollar value of the Swiss franc, the functional currency of the Company's HTT subsidiary, whose balance sheet includes this goodwill.

The following table shows the impact of goodwill amortization on net income and earnings per share for the years 2002, 2001 and 2000, as if Statement 142 had been in effect.

	Year ended December 3				Ι,
	2002		2001	2	000
	(dolla		housands hare data		ept
Reported net income (loss)	\$2,000	) \$(	21,853) 826	\$7	,532 144
Adjusted net income (loss)	2,000	(	21,027)	_7	,676
Basic earnings per share: Reported earnings (loss) per share	\$ .23	3 <b>\$</b>	(2.51)	\$	.86 .02
Adjusted earnings (loss) per share	\$ .23	\$	(2.42)	\$	.88
Diluted earnings per share: Reported earnings (loss) per share	\$ .23	3 \$ 	(2.51)	\$	.86 .01
Adjusted earnings (loss) per share	\$ .23	\$	(2.42)	\$	.87

The total carrying amount of intangible assets subject to amortization, as of December 31, 2002, was \$849,000, which derived from patents and one non-compete agreement. The Company's intangible asset amortization expense for fiscal 2002 was \$216,000. The estimated intangible amortization expense for each of the next five years is approximately \$200,000, which will vary depending upon additional amortizable intangible assets.

#### **Income Taxes**

The Company accounts for income taxes using the liability method according to Financial Accounting Standards Board Statement No. 109. Under this method, deferred tax assets and liabilities are determined based on differences between financial reporting and tax bases of assets and liabilities and are measured using the enacted tax rates and laws that will be in effect when the differences are expected to reverse.

## **Foreign Currency Translation**

In accordance with Financial Accounting Standards Board Statement No. 52, all balance sheet accounts of foreign subsidiaries are translated at current exchange rates and income statement items are translated at an average exchange rate for the year. The gain or loss resulting from translating subsidiary financial statements is recorded as a separate component of the consolidated statement of shareholders' equity as other comprehensive income. Transaction gains and losses are recorded in operations.

# Notes to Consolidated Financial Statements (Continued) December 31, 2002

## 1. Significant Accounting Policies (Continued)

### **Derivative Financial Instruments**

The Company adopted Financial Accounting Standards Board Statement No. 133, Accounting for Derivative Instruments and Hedging Activities, on January 1, 2001. The statement requires the Company to recognize all its derivative instruments on the balance sheet at fair value. Derivatives that are not qualifying hedges must be adjusted to fair value through income. If the derivative is a qualifying hedge, depending on the nature of the hedge, changes in the fair value of derivatives will either be offset against the change in fair value of the hedged assets, liabilities, or firm commitments through earnings or recognized in other comprehensive income until the hedged item is recognized in earnings. The ineffective portion of a derivative's change in fair value will be immediately recognized in earnings.

The Company accounted for the accounting change as a cumulative effect of an accounting principle. The adoption of Statement 133, resulted in a cumulative effect of an accounting change of a credit of \$25,000 to other comprehensive income.

Prior to January 1, 2001 gains and losses on foreign exchange contracts designated as hedges of specific transactions were accrued as exchange rates change and were recognized in income. Gains and losses on contracts designated as hedges of net investments in foreign subsidiaries were accrued as exchange rates change and were recognized in the comprehensive income section of the consolidated statement of shareholders' equity as a foreign currency translation adjustment. Gains and losses on contracts designated as hedges of identifiable foreign currency firm commitments were deferred and included in the measurement of the related foreign currency transaction.

## Research and Development Costs

The cost of research and development, all of which has been charged to cost of goods sold, amounted to \$8,757,000, \$9,798,000, and \$6,992,000 in 2002, 2001, and 2000, respectively.

### **Earnings Per Share**

Earnings per share is computed using the weighted average number of shares of common stock outstanding during the year. For diluted earnings per share, the weighted average number of shares includes common stock equivalents related primarily to restricted stock. Restricted shares awarded under the Company's long-term incentive stock plans are treated as issued shares at time of award and are treated for diluted earnings per share as outstanding in accordance with the treasury stock method over the period of their vesting.

#### **Stock-Based Compensation**

The Company grants restricted shares of common stock and stock options to certain officers and other key employees. The Company accounts for restricted share grants and stock option grants in accordance with APB Opinion No. 25, Accounting for Stock Issued to Employees. The stock options issued under the 1996 and 2002 Incentive Stock Plan expire 10 years from the date of grant and are exercisable one-third after the first year, two-thirds after the second year, and 100 percent after the third year.

In accordance with the provisions of Statement of Financial Accounting Standard No. 123 the Company has elected to continue applying the provisions of Accounting Principles Board Opinion No. 25

# Notes to Consolidated Financial Statements (Continued) December 31, 2002

## 1. Significant Accounting Policies (Continued)

and related interpretations in accounting for its stock-based compensation plans. Accordingly, the Company does not recognize compensation expense for stock options when the stock option price at the grant date is equal to or greater than the fair market value of the stock at that date.

A summary of the stock option activity under the Incentive Stock Plan is as follows:

	2002	2001	2000
Shares at beginning of period	100,500	100,250	99,875
Shares granted	139,250	5,250	5,250
Weighted average grant price per share	\$ 9.67	\$ 13.51	\$ 10.50
Market value per share at date of grant	\$ 9.67	\$ 13.51	\$ 10.50
Shares canceled and forfeited	3,750	5,000	4,875
Original price per share	\$ 17.83	\$ 19.93	\$ 17.87
Weighted average price per share	\$ 17.83	\$ 19.93	\$ 17.87
Shares at end of period	236,000	100,500	100,250

The following illustrates the pro forma effect on net income and earnings per share if the Company had applied the fair value recognition provisions of SFAS No. 123:

	Pro Forma					
		2002 2001			2000	
	(d	ollars in		ands, ex e data)	cept	for per
Reported net income (loss)	\$	2,000	\$(2	1,853)	\$	7,532
Deduct: Total stock-based employee compensation expense determined						
under fair value method for all awards, net of related tax effects		48		5		36
Pro forma net income (loss)	\$	1,952	<u>\$(2</u>	1,858)	\$	7,496
Earnings per share:						
Basic—as reported	\$	.23	\$	(2.51)	\$	.86
Basic—pro forma	\$	.22	\$	(2.51)	\$	.86
Diluted—as reported	\$	.23	\$	(2.51)	\$	.86
Diluted—pro forma	\$	.22	\$.	(2.51)	\$	.85
Basic—as reported  Basic—pro forma	\$ \$ \$ \$	.22	\$	(2.51) (2.51)	\$ \$ \$ \$	.80

Pro forma information regarding net income and earnings per share is required by SFAS No. 123, and has been determined as if the Company had accounted for its stock options under the fair value method of SFAS No. 123. The fair value for these options was estimated at the date of grant using a Black-Scholes option pricing model with the following weighted-average assumptions: risk-free interest rates of 3% in both 2002 and 2001; dividend yields of 0.2% in both 2002 and 2001; volatility factors of the expected market price of the Company's common stock of .363 for both 2002 and 2001; and a weighted-average expected life for the 2002 and 2001 options of 5 years.

The Company's Incentive Stock Plan is described in more detail in Note 10.

# Notes to Consolidated Financial Statements (Continued) December 31, 2002

## 1. Significant Accounting Policies (Continued)

### Revenue Recognition

The Company ships and bills directly to end-user customers for the majority of its sales. In some cases, the Company bills to a distributor who then bills to the customer. The Company does not offer any special return privileges to distributors related to inventory they may carry for their own commercial use. The Company recognizes revenue from product sales upon shipment of the product, which is when title and all risk of ownership are transferred.

## Warranties

The Company offers warranties for its products. The specific terms and conditions of those warranties vary depending upon the product sold and the country in which the Company sold the product. The Company generally provides a basic limited warranty, including parts and labor for a period of one year. The Company estimates the costs that may be incurred under its basic limited warranty, based largely upon actual warranty repair cost history, and records a liability in the amount of such costs in the month that product revenue is recognized. The resulting accrual balance is reviewed during the year. Factors that affect the Company's warranty liability include the number of installed units, historical and anticipated rates of warranty claims, and cost per claim.

Changes in the Company's product warranty accrual are as follows:

	2002	2001
	(dollars in thousands)	
Beginning balance	\$2,138	\$1,804
Warranties issued		
Warranties settlement costs	(1,992)	(3,637)
Other—currency translation impact		(24)
Year end balance	\$1,975	\$2,138

## **Contingencies**

The Company is a defendant in various lawsuits as a result of normal operations and in the ordinary course of business. Management believes the outcome of these lawsuits will not have a material effect on the financial position or results of operations of the Company.

### Reclassifications

Certain amounts from the prior year consolidated financial statements have been reclassified to conform with current year presentation.

## 2. Unusual Inventory Charge—Third Quarter of 2001

The quarter ended September 30, 2001 included an unusual charge for the discontinuation of several under-performing product lines. This charge was part of a new business strategy to enhance the Company's focus on lines with the best potential for long-term profitability and was in response to the recession

# Notes to Consolidated Financial Statements (Continued) December 31, 2002

## 2. Unusual Inventory Charge—Third Quarter of 2001 (Continued)

impacting the machine tool industry and market changes that required the Company to realign its U.S. based manufacturing operations in Elmira, New York. A Company wide review of all product lines was completed before the charge was recorded. A plan was implemented to discontinue marketing and sales efforts for all discontinued products. A multi-functional task force was established to segregate and make ready for disposal all excess and obsolete inventories resulting from this decision and to expedite the sale of any remaining new and used finished machines. This plan included determining a market selling price, and projected disposal loss for each identified machine. The \$27,237,000 charge represented a reserve to reflect the expense of the expedited sale or scrapping of the inventory related to the under-performing product lines. The physical segregation and disposition of the inventory has taken considerable time and effort. As of December 31, 2002, all excess and obsolete inventory has been discarded and many of the machines have been sold. The remaining machines are valued at a market value that the Company feels is realizable in the current market.

## 3. One Time Additional Bad Debt Provision-Third Quarter of 2001

The quarter ended September 30, 2001 also included an additional reserve for uncollectable receivables of \$5,200,000, which was recorded as a provision for doubtful accounts on the income statement. The Company felt this charge was necessary due to the deteriorating financial condition of certain of its customers and changes in the Company's outlook on the value of any collateral to be repossessed due to depressed valuations of used equipment.

## 4. Unusual Impairment Charge—Third Quarter of 2001

The quarter ended September 30, 2001 also included a \$3,542,000 charge for the write-off of the remaining Goodwill from the 1997 acquisition of Hansvedt Industries. The Company observed a clear decline in EDM product sales since the acquisition of the Hansvedt Company in 1997. Upon review in the third quarter of 2001, it was determined that sales of these products were consuming disproportionately high levels of pre-sales and post-sales technical support and management's time and attention. Furthermore, it was decided that future growth and profitability would require substantial investment in product development. It was also determined that, given the limited future market for these products and the Company's low current market share, prospects for sufficient return on those investments would be poor. Based upon this, the Company decided to discontinue sales of Hansvedt products, and, consequently, wrote off the goodwill remaining from this acquisition. The only other asset remaining on the Company's books related to this acquisition was inventory, and the net disposition loss on that inventory is included in the inventory write offs discussed in Note 2. Sales of Hansvedt products from January through September of 2001 totaled only \$1.9 million. Additional asset impairment charges included the write-down to saleable value of a facility the Company is in the process of selling, and the write-down of a corporate plane. The building is a vacated building in Elmira, NY that was being used for storage with some office space being leased by others. After attempts to market the facility, it was determined appropriate to write the building to its net realizable sales value. The plane was sold in the fourth quarter of 2001 for a net proceeds approximately equal to the revised book value. These write-downs, along with other miscellaneous charges for changes in operations, totaled \$1,977,000. The result of these measures was to reduce future expenses related to underutilized assets.

# Notes to Consolidated Financial Statements (Continued) December 31, 2002

### 5. Acquisition and Joint Venture

On December 22, 2000, the Company acquired 100% of the outstanding stock of HTT Hauser Tripet Tschudin AG (HTT), a Biel, Switzerland based manufacturer of grinding machines. The Company paid approximately \$22,053,000 for the stock of the HTT and assumed approximately \$9,683,000 of debt. The acquisition was funded using the Company's revolving loan agreement. The acquisition was accounted for as a purchase effective December 31, 2000. The value of the land and building assets acquired was increased by \$2,341,000 to reflect current appraised market values. Net assets acquired totaled \$7,865,000 and goodwill representing the intrinsic value of the Company over its net assets totaled \$14,188,000. During the first quarter of 2001, the Company refinanced the acquisition with a long term borrowing agreement for \$24,000,000. On October 24, 2002 the Company replaced the above term loan with a new \$23,000,0000 term loan secured by substantially all of the Company's domestic assets other than real estate and by a pledge of two-thirds of its investment in most of its Canadian and European subsidiaries. This loan agreement also provides for revised financial covenants commensurate with the Company's current business levels.

On May 9, 2000, the Company entered into an agreement with EMAG Maschinenfabrik GmbH of Leipzig, Germany to jointly manufacture inverted spindle vertical lathes in Germany. The joint venture, Hardinge EMAG GmbH, was capitalized with a Company contribution of \$1,500,000 of cash for a 50% interest. The joint venture is recorded as an unconsolidated subsidiary herein; the joint venture is accounted for using the equity method of accounting for investments.

## 6. Financing Arrangements

Long-term debt consists of:

	Decem	ber 31,
	2002	2001
	(in tho	usands)
Note payable, under revolving loan agreement expiring August 1, 2005, with interest averaging 4.65% at December 31, 2002 (3.59% in 2001)	\$ 5,612	\$26,911
October 24, 2002		4,438
Note payable, under term loan agreement, due in 20 quarterly installments of \$1,200,000 beginning March 20, 2003 with an effective interest rate of 4.33% at		,
December 31, 2002	23,000	24,000
interest at 4.25%	1,000	
averaging 5.05% at December 31, 2002	7,039	4,745
	36,651	60,094
Less current portion	6,125	55,620
	\$ 30,526	\$ 4,474

# Notes to Consolidated Financial Statements (Continued) December 31, 2002

## 6. Financing Arrangements (Continued)

Future minimum payments under these financing arrangements are \$6,125,000, \$5,198,000, \$5,202,000, \$5,209,000, and \$4,215,000 in 2003, 2004, 2005, 2006, and 2007, respectively.

Hardinge maintains a revolving loan agreement with a group of U.S. banks. On October 24, 2002, the Company executed a new loan agreement, which expires in August, 2005 and replaces the prior agreement which would have expired in August, 2003. The new loan agreement provides for borrowing of up to \$30,000,000 secured by substantially all of the Company's domestic assets, other than real estate, and by a pledge of two-thirds of its investment in most of its Canadian and European subsidiaries. Interest charged on the debt is based on London Interbank Offered Rates (LIBOR) plus a spread which varies depending on the Company's debt to EBITDA (earnings before interest, taxes, depreciation and amortization) ratio. A commitment fee of .65% is payable on the unused portion of the facility. At December 31, 2002 total borrowing under this facility was \$5,612,000 at an average rate of 4.65%. Approximately \$1,612,000 of the borrowing was denominated in British pounds sterling at December 31, 2002

The prior credit facility was an unsecured credit arrangement with three banks which provided for borrowing in several currencies up to the equivalent of \$50,000,000 on a revolving loan basis through August 1, 2002. This arrangement was amended in April 2002 to extend the maturity of this facility thru August 2003. Interest charged on the debt was based on London Interbank Offered Rates (LIBOR) plus a spread which varies depending on the Company's debt to EBITDA ratio. A commitment fee of ¼ of 1% was payable on the unused portion of the facility. At December 31, 2001, total borrowings under the old facility were \$26,911,000 at an average interest rate of 3.59%. Approximately \$1,453,000 of the borrowing was denominated in British pounds sterling and \$4,458,000 in Swiss francs at December 31, 2001.

In May 1998, the Company entered into an interest swap arrangement with a financial institution which effectively fixed the interest rate on \$15,000,000 of the Company's revolving debt at 6.01% through June 2003. On July 15, 1999, the amount of the swap was reduced to \$10,000,000.

In February 1996, the Company entered into an unsecured term loan arrangement with a syndication of banks for the purpose of financing its November 1995 acquisition of L. Kellenberger & Co. AG. The loan provided for repayment of the outstanding principal in twenty equal installments beginning May 1998. Interest was charged on the debt based on LIBOR plus a spread which varies depending on the Company's debt to EBITDA ratio. The Company paid the balance of this loan off in October 2002 with no penalties. At December 31, 2001, the balance owed on this loan was \$4,438,000.

In March 2001, the Company entered into an unsecured term loan arrangement with a bank for the purpose of financing its December 2000 acquisition of HTT Hauser Tripet Tschudin AG. The loan provided for repayment of the principal in twenty equal quarterly installments beginning March 20, 2003. Interest was charged on the debt based on LIBOR plus a spread which varies depending on the Company's debt to EBITDA ratio. At December 31, 2001 the balance owed on this loan was \$24,000,000. The Company paid the balance of this loan off in October 2002 with no penalties.

On October 24, 2002 the Company replaced the above term loan with a new \$23,000,0000 term loan with substantially the same security and financial covenants as provided under the new revolving loan agreement described above. The loan provides for repayment of the principal in twenty quarterly installments beginning March 20, 2003. Interest is charged on the debt based on LIBOR plus a spread which varies depending on the Company's debt to EBITDA ratio.

# Notes to Consolidated Financial Statements (Continued) December 31, 2002

## 6. Financing Arrangements (Continued)

In March 2001, the Company entered into a cross-currency swap and an interest rate swap in association with the March 2001 loan. These swaps effectively convert the loan to a borrowing of 39,540,000 Swiss francs with an effective interest rate of 4.33%. The cross-currency swap has been designated as a hedge against the Company's net investment in HTT. The interest rate swap effectively converts the floating interest rate to a fixed rate. The currency swap and interest rate swap are now associated with the new October 2002 loan.

The Company also retains one additional \$1,000,000 term loan with payment in full due September 30, 2003.

The Company has a \$7,000,000 unsecured short-term line of credit with a bank with interest based on a fixed percent over the one-month LIBOR. The outstanding loans on this line at December 31, 2002 were \$3,161,000. As of December 31, 2001, there were no outstanding loans on this line. The agreement is negotiated annually and requires no commitment fee.

The Company executed a new loan agreement with a Swiss bank in the third quarter of 2002, providing for borrowing of up to 7,500,000 Swiss francs which is equivalent to approximately \$5,422,000. This agreement is secured by the real property owned by Kellenberger AG, a wholly owned subsidiary of the Company. There has not been any borrowings on this loan. Kellenberger also maintains unsecured overdraft facilities with commercial banks that permit borrowings in Swiss francs up to 5,000,000 which is equivalent to approximately \$3,614,000. These lines provide for interest at competitive short-term interest rates and carry no commitment fees on unused funds. At December 31, 2002 and 2001, there were no borrowings under these lines.

The Company's HTT Hauser Tripet Tschudin subsidiary maintains overdraft facilities with commercial banks that permit borrowings in Swiss francs of 4,500,000 which is equivalent to approximately \$3,253,000. These lines provide for interest at competitive short-term interest rates and carry no commitment fees on unused funds. At December 31, 2002, total borrowings under these lines were \$1,873,000 with an average interest rate of 6.66%. At December 31, 2001, total borrowings under these lines were \$462,000 with an average interest rate of 6.75%. HTT is also obligated under terms of various mortgage agreements with commercial banks on its factory building. These loans are secured by the property and have unspecified maturities. At December 31, 2002 and 2001, total balances outstanding on these loans were \$5,368,000 and \$4,745,000, respectively, at average interest rates of 5.05% and 5.05%, respectively.

The Company's Hardinge Machine Tools, Ltd subsidiary maintains an overdraft facility which allows for borrowing up to 250,000 in lbs. Sterling which is equivalent to approximately \$400,000. Borrowing under this facility at December 31, 2002 was \$250,000. Hardinge Machine Tool, Ltd. also has a mortgage agreement at a local UK bank. At December 31, 2002, total borrowing under the mortgage agreement was \$1,671,000.

Certain of these debt agreements require, among other things, that the Company maintain specified levels of tangible net worth, working capital, and specified ratios of debt to earnings, earnings to interest cost, and earnings to fixed charges. While the Company was in compliance with its debt covenants at December 31, 2001, it anticipated that it would violate one or more of the covenants during 2002. As a result, all debt on the Company's term loans and its revolver was classified as currently payable at December 31, 2001. The new loan agreement provides for financial covenants which the Company was in

# Notes to Consolidated Financial Statements (Continued) December 31, 2002

## 6. Financing Arrangements (Continued)

compliance with at December 31, 2002 and which the Company anticipates it will remain in compliance throughout 2003.

Interest paid in 2002, 2001, and 2000 totaled \$3,875,000, \$3,590,000, and \$1,684,000, respectively.

The Company conducts some of its manufacturing, sales and service operations from leased space with lease terms up to 20 years and uses certain data processing equipment under lease agreements expiring at various dates during the next five years. Rent expense under these leases totaled \$2,587,000, \$2,479,000, and \$2,219,000, during the years ended December 31, 2002, 2001, and 2000, respectively. Future minimum payments under noncancelable operating leases as of December 31, 2002 total \$10,830,000, with payments over the next five years of \$1,933,000, \$1,318,000, \$975,000, \$649,000, and \$507,000, respectively.

The Company has provided long-term financing for the purchase of its equipment by qualified end-user customers in North America and regards customer financing options as an important part of its marketing efforts, particularly to independent machine shops. Beginning in April of 2002, the Company has largely replaced the prior internal program by offering lease programs from selected established equipment lease financing companies in the U.S. and Canada. Before that change, customer financing was generally offered for a term of up to seven years, with the Company retaining a security interest in the purchased equipment and filing appropriate liens. In the event of a customer default and foreclosure, it is the practice of the Company to recondition and resell the equipment. It has been the Company's experience that such equipment resales have realized most, but not all, of the remaining contract value.

In order to reduce debt and finance current operations, the Company previously sold a substantial portion of its underlying customer notes receivable to various financial institutions. In 2002, largely because of the program replacement described previously, there were no sales of customer notes. In 2001, the Company sold \$14,120,000 of customer notes. The remaining outstanding balances of all notes sold as of December 31, 2002 was \$32,288,000. Recourse against the Company from default of most of the notes included in the sales is limited to 10% of the then outstanding balance of the underlying notes. The Company retained no rights to any retained interest in these notes and surrendered ultimate control over the notes. There are no repurchase or remarketing agreements with these third parties. Long-term customer notes receivable held by the Company totaled \$8,392,000 and \$10,394,000 at December 31, 2002 and December 31, 2001, respectively.

### 7. Income Taxes

Deferred income taxes reflect the net tax effects of temporary differences between the carrying amounts of assets and liabilities for financial reporting purposes and the amounts used for income tax purposes. As required under Statement of Financial Accounting Standard No. 109, the Company has reviewed all available positive and negative evidence including the Company's current and past performance, the market conditions in which the Company operates, the utilization of past tax credits, the length of carryback and carryforward periods, sales backlog, etc. in forming a conclusion that it is more likely than not that all or a portion of a deferred tax asset will be realized or whether a valuation allowance needs to be established. As of December 31, 2002, the Company has recorded a U.S. net deferred tax asset of approximately \$13,424,000.

## Notes to Consolidated Financial Statements (Continued)

## December 31, 2002

## 7. Income Taxes (Continued)

The Company has relied on expected future U.S. taxable income as a basis for recognizing the net deferred tax asset. Given the Company's history of U.S. earnings during past cycles and the expected market cycle upturn, which is based on independent analyses of the U.S. machine tool market as well as the Company's forecasts, the Company believes that it will generate the \$35,300,000 of U.S. taxable income needed to realize the value of this net deferred tax asset. At December 31, 2002 and 2001, the Company had state investment tax credits expiring at various dates through the year 2012. The net change in the valuation allowance was caused by the expiration of foreign tax credits and an additional valuation for state investment tax credits for which no benefit was recognized in the financial statements.

Significant components of the Company's deferred tax assets and liabilities are as follows:

	Decem	ber 31,
	2002	2001
· · · · · · · · · · · · · · · · · · ·	(in tho	usands)
Deferred tax assets:		
Federal and state tax credit carryforwards	\$ 4,518	\$ 4,570
Postretirement benefits	2,230	2,213
Deferred employee benefits	1,666	2,022
Accrued pension	5,707	2,496
Inventory valuation	1,958	6,824
Other	7,697	5,583
	23,776	23,708
Less valuation allowance	4,518	4,570
Total deferred tax assets	19,258	19,138
Deferred tax liabilities:		•
Tax over book depreciation	6,782	6,406
Margin on installment sales	256	254
Other	4,507	3,694
Total deferred tax liabilities	11,545	10,354
Net deferred tax assets	\$ 7,713	\$ 8,784

Pre-tax (loss) income was \$(6,417,000), \$(41,977,000), and \$6,111,000 from domestic operations and \$8,098,000, \$10,203,000, and \$5,404,000 from foreign operations for 2002, 2001, and 2000, respectively.

# Notes to Consolidated Financial Statements (Continued) December 31, 2002

## 7. Income Taxes (Continued)

Significant components of income tax expense (benefit) attributable to continuing operations are as follows:

	Year Ended December 31,			
	2002	2001	2000	
	(	in thousands)		
Current:				
Federal	\$(7,694)	\$ (4,954)	\$ 2,912	
Foreign	944	2,183	1,379	
State		88	565	
Total current	(6,750)	(2,683)	4,856	
Deferred:				
Federal	5,661	(6,890)	(1,028)	
Foreign	442	925	(59)	
State	(221)	(1,597)	(138)	
Total deferred	_5,882	(7,562)	(1,225)	
	\$ (868)	<u>\$(10,245)</u>	\$ 3,631	

Income tax (refunds) payments totaled \$(3,605,000), \$2,399,000, and \$5,728,000 in 2002, 2001 and 2000, respectively.

The following is a reconciliation of income tax expense (benefit) computed at the United States statutory rate to amounts shown in the consolidated statements of income.

	2002	2001	2000
Federal income taxes (benefit)	35.0%	(35.0%)	35.0%
State income taxes (benefit)	(9.9)	(3.1)	2.4
Other	4.6	4.4	(1.9)
Write-off of nondeductible goodwill impaired		3.0	
Taxes on foreign income which differ from the U.S. statutory rate	(81.3)	(1.5)	(4.0)
	(51.6%)	(32.2%)	31.5%

Undistributed earnings of the foreign subsidiaries, which amounted to approximately \$42,628,000 at December 31, 2002, are considered to be indefinitely reinvested and, accordingly, no provision for U.S. federal and state taxes has been provided thereon. Upon distribution of those earnings in the form of dividends or otherwise, the Company would be subject to both U.S. income taxes (subject to an adjustment for foreign tax credits) and withholding taxes payable to the various foreign countries. Determination of the amount of the unrecognized deferred U.S. income tax liability is not practicable because of the complexities associated with its hypothetical calculation.

# Notes to Consolidated Financial Statements (Continued) December 31, 2002

## 8. Industry Segment and Foreign Operations

The Company operates in one business segment—industrial machine tools. Domestic and foreign operations consist of:

				Year ende	ed Decem	ber 31,			
		2002			2001			2000	
	North America	Europe	Asia	North America	Europe	Asia	North America	Europe	Asia
				(in	thousand	s)			
Sales									
Domestic	\$ 69,551	\$ 67,932	\$ 6,118	\$ 98,686	\$77,478	\$ 2,355	\$139,810	\$42,476	\$ 773
Export	22,611	16,027	7,771	31,575	18,780	11,348	23,258	9,681	15,438
	92,162	83,959	13,889	130,261	96,258	13,703	163,068	52,157	16,211
Less interarea eliminations	10,082	5,512	5,402	13,028	8,302	9,370	16,648	9,528	15,781
Total Net Sales	\$ 82,080	\$ 78,447	\$ 8,487	\$117,233	\$87,956	\$ 4,333	\$146,420	\$42,629	\$ 430
Operating (Loss) Income	\$ (3,894)	\$ 6,798	\$ 2,259	\$(39,757)	\$ 9,833	\$ 1,297	\$ 7,713	\$ 4,874	\$ 82
Net (Loss) Income	\$ (4,325)	\$ 5,112	\$ 1,213	\$(28,674)	\$ 6,900	\$ (79)	\$ 4,453	\$ 3,127	\$ (48)
Identifiable Assets	\$140,714	\$107,241	\$ 8,330	\$164,499	\$87,671	\$ 5,702	\$192,024	\$88,165	\$ 2,927

Sales attributable to European Operations and Asian Operations are based on those sales generated by subsidiaries located in Europe and Asia.

Interarea sales are accounted for at prices comparable to normal, unaffiliated customer sales, reduced by estimated costs not incurred on these sales. Operating income excludes interest income and interest expense directly attributable to the related operations.

No single customer accounted for more than 5% of consolidated sales in any of the three years presented.

Export sales from Hardinge's North American operations include the following:

	Year	ended Decembe	er 31,
	2002	2001	2000
Sales to:	North American Operations	North American Operations	North American Operations
		(in thousands)	
European customers	\$ 3,181	\$ 3,706	\$ 4,581
Asian customers	13,573	18,659	8,754
Sales to affiliated companies	5,584	7,422	8,606
Sales to customers in the remainder of the world	273	1,788	1,317
	\$22,611	\$31,575	\$23,258

# Notes to Consolidated Financial Statements (Continued) December 31, 2002

## 8. Industry Segment and Foreign Operations (Continued)

The foreign countries which represented the highest percentages of the Company's 2002 worldwide sales, and the corresponding 2001 and 2000 percentages were:

	2002	2001	2000
Germany	13.7%	9.7%	7.4%
China	11.8%	10.1%	4.8%
England	5.3%	6.5%	9.6%

## 9. Shareholders' Equity

## **Treasury Shares**

The number of shares of common stock in treasury was 1,146,084, 1,118,909, and 1,051,846, at December 31, 2002, 2001, and 2000, respectively. During 2002, the Company purchased 45,705 shares and distributed 18,530 shares pursuant to the long-term incentive plan. During 2001, the Company purchased 105,693 shares, distributed 90,030 shares and had 51,400 shares forfeited pursuant to the long-term incentive plan. In 2000, the Company purchased 390,232 shares, distributed 33,320 shares, and had 8,875 shares forfeited pursuant to the plan.

## Company Stock Repurchase Program

On April 9, 1999, Hardinge announced a stock repurchase program. The Board of Directors authorized the repurchase of up to 1.0 million shares of the Company's stock, or approximately 10% of the total shares outstanding. The Company purchased 900,351 shares under the program through July 25, 2000. On July 26, 2000, Hardinge announced that its Board of Directors expanded the Company's stock buyback program by authorizing a plan to repurchase up to an additional 1.0 million shares of stock. No shares have been purchased under the 2000 plan. Both plans have terminated.

## **Preferred Stock Purchase Rights**

On May 16, 1995, the Board of Directors of the Company adopted a Shareholder Rights Plan and declared a dividend of one Right to purchase Series A Preferred Stock for each outstanding share of Company common stock held as of May 16, 1995. Each Right entitles the holder of the Right to purchase one one-hundredth of a share of Series A Preferred Stock (a "Unit") at a purchase price of \$80.00 per Unit. The Rights will become exercisable ten business days after any person or group becomes the beneficial owner of 20% or more of the Common Stock or commences a tender or exchange offer upon consummation of which such person or group would, if successful, own 30% or more of the Common Stock. The Rights, which will expire ten years from the date of issuance, may be redeemed by the Board of Directors, at \$.01 per Right, at any time prior to the expiration of ten business days after the acquisition by a person or group of affiliated or associated persons of beneficial ownership of 20% or more of the outstanding Common Stock.

# Notes to Consolidated Financial Statements (Continued) December 31, 2002

## 9. Shareholders' Equity (Continued)

## Reconciliation of Weighted Average Number of Shares Outstanding

The following is a reconciliation of the numerators and denominators of the basic and diluted earnings per share computations required by Financial Accounting Standards Board Statement No. 128:

	Year 1	Ended Decemb	er 31,
	2002	2001	2000
		(in thousands)	
Net income (loss)	\$2,000	\$(21,853)	\$7,532
Numerator for basic earnings per share	2,000	(21,853)	7,532
Numerator for diluted earnings per share	2,000	(21,853)	7,532
Denominator for basic earnings per share—weighted average shares	8,687	8,695	8,755
Effect of diluted securities:			
Restricted stock and stock options			39
Denominator for diluted earnings per share—adjusted weighted average			
shares	8,687	8,695	8,794
Basic earnings (loss) per share	\$ .23	\$ (2.51)	\$ .86
Diluted earnings (loss) per share	\$ .23	\$ (2.51)	\$ .86

# Notes to Consolidated Financial Statements (Continued) December 31, 2002

## 10. Employee Benefits

### Pension and Postretirement Plans

The Company accounts for the pension plan and postretirement benefits in accordance with Financial Accounting Standards Board Statements No. 87 and 106. The following disclosures related to the pension and postretirement benefits are presented in accordance with Financial Accounting Standards Board Statement No. 132.

The Company provides a qualified defined benefit pension plan covering all eligible domestic employees. The Plan bases benefits upon both years of service and earnings. The Company's policy is to fund at least an amount necessary to satisfy the minimum funding requirements of ERISA. The amount to be funded is subject to annual review by management and its consulting actuary.

The Company provides a contributory retiree health plan covering all eligible domestic employees who retired at normal retirement age prior to January 1, 1993 and all retirees who will retire at normal retirement age after January 1, 1993 with at least 10 years of active service. Employees who elect early retirement are eligible for the plan benefits if they have 15 years of active service at retirement. Benefit obligations and funding policies are at the discretion of the Company's management. Retiree contributions are adjusted annually and contain other cost-sharing features such as deductibles and coinsurance, all of which vary according to the retiree's date of retirement. The accounting for the plan anticipates future cost-sharing changes to the written plan that are consistent with the Company's expressed intent to limit its contributions to 125% of the average aggregate 1993 claim cost. The Company also provides a non-contributory life insurance plan to retirees. Because the amount of liability relative to this plan is insignificant, it is combined with the health plan for purposes of this disclosure.

A summary of the components of net periodic pension cost and postretirement benefit costs is presented below.

	Pension Benefits				Postretirement Benefits				
	Year Ended December 31,				Year Ended December			ember 31,	
	2002 2001 2000			2	002	2001	2000		
		(i	n th	ousands	)	_	(ir	thousa	nds)
Service cost	\$ 2	2,031	\$	1,963	\$ 2,424	\$	88	\$ 93	\$ 130
Interest cost	. 5	5,108		4,864	4,724		382	381	. 447
Expected return on plan assets	(6	5,710)	(	6,507)	(6,095)				
Amortization of prior service cost		345		307	264		(24)	(24	(24)
Amortization of transition (asset) obligation		(174)		(174)	(174)		_		
Amortization of (gain) loss		(232)		(433)	(22)	_			11
Net periodic benefit cost	\$	368	\$	20	\$ 1,121	\$	446	\$ 450	\$ 564

# Notes to Consolidated Financial Statements (Continued) December 31, 2002

## 10. Employee Benefits (Continued)

A summary of the Pension and Postretirement Plans' funded status and amounts recognized in the Company's consolidated balance sheets is as follows:

	Pension I	Benefits	Postretirement Benefits		
	Decemb	er 31,	Decemb	er 31,	
	2002	2001	2002	2001	
	(in thou	sands)	(in thou	sands)	
Change in benefit obligation:				•	
Benefit obligation at beginning of period	\$ 69,741	\$63,660	\$ 5,458	\$ 5,282	
Service cost	2,031	1,963	88	93	
Interest cost	5,108	4,864	382	381	
Plan participants' contributions		_	597	486	
Amendments	101	1,137			
Actuarial loss (gain)	4,896	1,690	59	104	
Benefits paid	(4,096)	(3,573)	(1,000)	(888)	
Benefit obligation at end of period	77,781	69,741	5,584	5,458	
Change in plan assets:					
Fair value of plan assets at beginning of period	63,194	69,798	_	_	
Actual return (loss) on plan assets	(4,170)	(3,031)	_	_	
Employer contribution			403	402	
Plan participants' contributions	_		597	486	
Benefits paid	_(4,096)	(3,573)	(1,000)	(888)	
Fair value of plan assets at end period	54,928	63,194			
Reconciliation of funded status:					
Funded status	(22,853)	(6,547)	(5,584)	(5,458)	
Unrecognized net actuarial loss (gain)	14,787	(1,220)	(62)	(121)	
Unrecognized transition (asset) obligation	(1,045)	(1,220)		_	
Unrecognized prior service cost	2,630	2,874	(192)	(216)	
(Accrued) prepaid benefit cost	\$ (6,481)	\$(6,113)	<u>\$(5,838)</u>	<u>\$(5,795)</u>	
	Pension I	Benefits	Postreti Bene		
	December 31,		Decemi	per 31,	
	2002	2001	2002	2001	
	(in thou	sands)	(in thou	sands)	
Amounts recognized in the Company's balance sheet consist of:					
Accrued pension (liability)	\$(17,356)	\$(6,113)	_	_	
Intangible asset	2,630			_	
Accumulated other comprehensive (income)	8,245				
Net amount recognized	\$ (6,481)	<u>\$ (6,113)</u>			

# Notes to Consolidated Financial Statements (Continued) December 31, 2002

## 10. Employee Benefits (Continued)

Actuarial assumptions used to determine pension costs and other postretirement benefit costs include:

	Pens Bene		Postretirement Benefits	
	2002	2001	2002	2001
Weighted average assumptions at January 1,				
Discount rate	7.50%	7.75%	7.25%	7.25%
Expected return on plan assets	9.50%	9.50%	N/A	N/A
Rate of compensation increase	4.50%	4.50%	N/A	N/A
Weighted average assumptions as of December 31,				
Discount rate	6.75%	7.50%	7.25%	7.25%
Rate of compensation increase	4.50%	4.50%	N/A	N/A

The discount rate changed from 7.50% as of December 31, 2001 to 6.75% as of December 31, 2002 which resulted in an additional liability of \$6,845,000. The above rates are suggested by our actuaries and are considered to be in the normal range for similar plans. The expected return rate on plan assets to be used for 2003 U.S. valuation will be reduced to 8.50%. An amendment to the Pension Plan during 2002 increased the projected benefit obligation by \$100,000.

Future changes in the actuarial assumptions could result in future increases or decreases in pension liabilities.

Financial Accounting Standards Board Statement No. 87 requires that an additional pension liability be recorded to the extent that an unfunded accumulated benefit obligation exceeds the accrued pension liability. If an additional liability is recognized, an employer may also recognize an intangible asset, equal to the unrecognized prior service cost and transition obligation at the date of measurement, as an offset. The excess, if any, of the minimum liability adjustment over the intangible asset is reported as a reduction in shareholder equity called accumulated other comprehensive income. An additional minimum liability adjustment of \$8,245,000 (\$5,112,000 net of tax) was recorded in 2002. No such adjustment was required for the prior year.

Pension plan assets include 383,886 shares of the Company's common stock valued at approximately \$3,167,000 and \$3,666,000 at December 31, 2002 and 2001, respectively. Dividends paid on those shares were \$38,000 and \$203,000 in 2002 and 2001 respectively. The remaining plan assets consisted of United States Government securities, corporate bonds and notes, other common stocks and an insurance contract.

The discount rate for determining benefit obligations in the Postretirement Benefits Plan was 7.25% at December 31, 2001 and 6.75% at December 31, 2002. The decrease in the discount rate increased the end-of-year accumulated postretirement benefit obligation by \$299,000.

As of December 31, 2001, Hardinge Inc. reached the caps set in 1993 for all participants who receive subsidized coverage. Therefore the rate of healthcare cost increases would not have affected the service cost and interest cost for 2002 and does not affect the accumulated postretirement benefit obligation as of December 31, 2002.

# Notes to Consolidated Financial Statements (Continued) December 31, 2002

### 10. Employee Benefits (Continued)

The assumed rate of participation for future medical plan retirees was changed from 100% participation at December 31, 2001 to 90% participation at December 31, 2002. This change decreased the end-of-year accumulated postretirement benefit obligation by \$259,000.

## **Group Health Plans**

The Company has contributory group benefit plans which provide medical benefits to all of its domestic employees.

## Savings Plan

The Company maintains a 401(k) plan which covers all eligible domestic employees of the Company subject to minimum employment period requirements. Provisions of the plan allow employees to defer from 1% up to 100% of their pre-tax salary to the plan. Those contributions may be invested at the option of the employees in a number of investment alternatives, one being Hardinge Inc. common stock. Prior to July 2002, the Company contributed to the plan on a matching formula of 25% of an employee's contribution up to 5% of the employee's compensation. The Company's match is in Hardinge Inc. common stock. The Company contributed \$114,000, \$293,000, and \$342,000 in 2002, 2001 and 2000 respectively, for this match. The Company suspended the match in July 2002 due to poor business conditions and the difficult economic climate. Management has the ability to reinstate the match at any future date. The Company may also contribute a discretionary contribution to the plan to be distributed among all participants.

### **Long-Term Incentive Plans**

In 2002, the Board of Directors established an Incentive Stock Plan to assist in attracting and retaining key employees. The Plan allows the Board to grant restricted stock, performance share awards, stock options and stock appreciation rights up to an aggregate of 450,000 shares of common stock to these employees. Additionally, in 1988, 1993 and 1996, similar plans were established by the Company; no further shares can be awarded under these plans.

Certain officers were awarded a total of 5,000, 76,000 and 23,000 restricted shares of common stock during 2002, 2001 and 2000, respectively. In 2002, restrictions on 104,500 shares from the Incentive Stock Plans were released. During 2001, restrictions on 155,871 shares from the Incentive Stock Plans were released and 51,400 shares were forfeited. Restrictions on 72,521 shares were released and 8,875 shares were forfeited in 2000.

As of December 31, 2002, a total of 213,925 restricted shares of common stock were outstanding under the plans. All shares of restricted stock are subject to forfeiture and restrictions on transfer, and unconditional vesting occurs upon the completion of a specified period ranging from three to eight years from date of grant.

Deferred compensation associated with these grants is measured by the market value of the stock on the date of grant and totaled \$47,000, \$1,001,000, and \$316,000 in 2002, 2001, and 2000, respectively. This deferred compensation is being amortized on a straight-line basis over the specified service period. The unamortized deferred compensation at December 31, 2002, 2001, and 2000, totaled \$1,434,000, \$1,959,000, and \$2,651,000, respectively, and is included in deferred employee benefits as a reduction of shareholders' equity.

# Notes to Consolidated Financial Statements (Continued) December 31, 2002

## 10. Employee Benefits (Continued)

Stock options for 139,250, 5,250, and 5,250, shares were issued in 2002, 2001 and 2000, respectively under the 2002 and 1996 Plans. As of December 31, 2002, a total of 236,000 options remained outstanding under the plans. The options expire ten years from the date of grant and are exercisable one-third after the first year, two-thirds after the second year, and 100% after the third year. The Company accounts for the stock options issued under the Plan using the intrinsic value method as defined by Accounting Principle Board Opinion No. 25, Accounting for Stock Issued to Employees. Since all such options have been issued at exercise prices equal to the trading price of Hardinge stock at date of issue, no expense is recognized. The Company has considered valuation of stock options using the fair value method as determined by Financial Accounting Standards Board Statement No. 123, Accounting for Stock Based Compensation. Application of the fair value method would reduce 2002 net income by \$48,000. Application of the fair value in 2001 and 2000 would have reduced net income by \$5,000 and \$36,000, respectively.

## **Foreign Operations**

The Company also has employees in certain foreign countries that are covered by defined contribution and benefit pension plans and other employee benefit plans. Related obligations and costs charged to operations are not material.

## 11. Other Comprehensive Income

The components of other comprehensive income consisted of the following:

	balances at December 31,	
	2002	2001
	(in thou	sands)
Other Comprehensive (Loss) Income: Pension liability (net of tax of \$3,133)		
Unrealized gain (loss) on derivatives:  Cash flow hedges (net of tax of \$782)  Net investment hedges (net of tax of \$241)  Other Comprehensive (Loss)	$\begin{array}{c} (1,420) \\ (285) \\ \hline $(4,562) \end{array}$	$ \begin{array}{r} (979) \\ 3,342 \\ \hline \$(7,799) \end{array} $

Accumulated

Financial Accounting Standards Board Statement No. 87 requires that an additional pension liability be recorded to the extent that an unfunded accumulated benefit obligation exceeds the accrued pension liability. If an additional liability is recognized, an employer may also recognize an intangible asset, equal to the unrecognized prior service cost and transition obligation at the date of measurement, as an offset. The excess, if any, of the minimum liability adjustment over the intangible asset is reported as a reduction in shareholder equity as accumulated other comprehensive income. At December 31, 2002, an additional minimum liability adjustment of \$8,245,000 (\$5,112,000 net of tax of \$3,133,000) was required. No such adjustment was required for the prior year.

# Notes to Consolidated Financial Statements (Continued) December 31, 2002

## 11. Other Comprehensive Income (Continued)

For the year 2002, other comprehensive income included \$12,428,000 due to the reduced value of the U.S. dollar relative to the Swiss franc, EC euro and U.K. pound sterling. These currency rate changes raised the net dollar value of the assets and liabilities of the Company's two Swiss subsidiaries by \$11,543,000 during 2002 and had lesser similar effects on the Company's subsidiaries in England and Germany.

These foreign currency translation benefits are partially offset by (\$3,627,000) of reduced value in 2002 in foreign currency swap contracts which have the effect of partially offsetting the Company's exposure to changes in the Swiss franc on financing of the Swiss acquisitions. The combined fair market value of those currency swap contracts at December 31, 2002 was (\$285,000) net of tax of \$241,000. Other comprehensive income in 2002 also included a loss of \$441,000 due to the interest rate swaps. The combined fair market value of the interest rate swap contracts at December 31, 2002 was (\$1,420,000) net of tax of \$782,000.

### 12. Financial Instruments

At December 31, 2002 and 2001, the carrying value of financial instruments such as cash, accounts receivable, accounts payable and short-term debt approximated their fair values, based on the short-term maturities of these instruments. The carrying amounts of debt under the revolving agreement and of mortgages classified as long-term debt approximate fair value as the underlying instruments are comprised of notes that are repriced on a short-term basis.

In May 1998, the Company entered into a five year interest rate swap arrangement with a financial institution (See Note 6). At December 31, 2002 and 2001, the fair market values of this instrument were liabilities of \$233,000 and \$478,000, respectively.

Related to the term loan dated February 1996, the Company entered into a seven-year cross-currency interest rate swap agreement. In December 2000 this agreement was terminated and re-written as two separate agreements, a currency swap, and a separate interest rate swap. At December 31, 2002 and 2001, the fair market values of the currency swap were assets of \$109,000 and \$1,187,000, respectively. At December 31, 2002 and 2001, the fair market values of the interest rate swap were liabilities of \$6,000 and \$43,000, respectively. The fair market values of these instruments are based on current settlement value as determined by a financial institution.

The carrying amount of the term loan dated October 2002 approximates its fair value as the underlying interest rate is variable. Related to this term loan, the Company entered into seven-year cross-currency and interest rate swap agreements (see Note 6). At December 31, 2002 the fair market values of the currency swap and interest rate swap were liabilities of \$4,368,000 and \$2,203,000, respectively. At December 31, 2001 the fair market value of the currency swap was an asset of \$902,000 and the fair market value of the interest rate swap was a liability of \$1,028,000.

The fair value of notes receivable, short-term and long-term, was determined using a discounted cash flow analysis based on the rate at which the Company could sell those notes at year end under standard terms experienced on recent sales (a fixed percentage over U.S. Treasury notes). At December 31, 2002 and 2001, the carrying value of these notes approximated the fair value.

The Company regularly enters into foreign currency contracts to manage its exposure to fluctuations in foreign currency exchange rates on purchases of materials used in production and cash settlements of

# Notes to Consolidated Financial Statements (Continued) December 31, 2002

### 12. Financial Instruments (Continued)

intercompany sales. Gains or losses from these contracts have not been material. At December 31, 2002 and 2001, the Company had notional principal amounts of approximately \$1,933,000 and \$2,511,000 in contracts to purchase or sell currency in the future from and to major commercial banks. The fair value of these contracts is not material.

#### Concentration of Credit Risk

The Company sells products to companies in diversified industries, with a substantial majority of sales occurring in North America and Western Europe. The Company performs periodic credit evaluations of the financial condition of its customers. The Company, in the past offered financing terms of up to seven years for its customers in the United States and Canada and filed a lien against the equipment purchased under those terms. A description of that financing is included in Note 6 above. No collateral is required for sales made on open account terms with payment due within thirty days. As of December 31, 2002 and 2001, 1% and 1%, respectively, of the accounts receivable were from the three major U.S. automobile manufacturers. In addition, at December 31, 2002 and 2001, receivables from the Company's distributor in France totaled 4% and 5%, respectively, of the consolidated accounts receivable. The Company holds a security interest in any of its equipment held by this distributor for inventory or demonstration purposes.

## 13. New Accounting Standards

In June 2001, the Financial Accounting Standards Board issued Statements of Financial Accounting Standards No. 141, Business Combinations, and No. 142, Goodwill and Other Intangible Assets. Statement 141 requires that the purchase method of accounting be used for all business combinations initiated after June 30, 2001. Statement 141 also includes guidance on the initial recognition and measurement of goodwill and other intangible assets arising from business combinations completed after June 30, 2001. Statement 142 prohibits the amortization of goodwill and intangible assets with indefinite useful lives. Statement 142 requires that these assets be reviewed for impairment at least annually. Intangible assets with finite lives will continue to be amortized over their estimated useful lives.

As discussed in Note 1 to the Financial Statements, the Company adopted the provisions of SFAS 142 as of January 1, 2002. The Company completed the transitional impairment testing of goodwill during the second quarter of 2002 and the first subsequent annual impairment testing during the fourth quarter of 2002. In both cases, the Company determined that there was no goodwill impairment. The total carrying amount of goodwill as of December 31, 2002 is \$16,390,000. This entire amount results from the December, 2000 acquisition of HTT Hauser Tripet Tschudin AG. The asset value of this goodwill increased by \$2,730,000, or 20%, during 2002, with the entire change caused by the increased dollar value of the Swiss franc, the functional currency of the Company's HTT subsidiary, whose balance sheet includes this goodwill.

Effective January 1, 2002, the Company implemented Statement of Financial Accounting Standard No. 143, Accounting for Asset Retirement Obligations which addresses financial accounting and reporting for obligations associated with the retirement of tangible long-lived assets and the related asset retirement costs. The statement requires that the fair value of a liability for an asset retirement obligation be recognized in the period in which it is incurred and capitalized as part of the carrying amount of the long-lived asset. When a liability is initially recorded, the entity capitalizes the cost by increasing the carrying value of the related long-lived asset. Over time, the liability is accreted to its present value each

# Notes to Consolidated Financial Statements (Continued) December 31, 2002

## 13. New Accounting Standards (Continued)

period, and the capitalized cost is depreciated over the useful life of the related asset. Upon settlement of the liability, a gain or loss is recorded. The early adoption of this statement did not have an effect on the Company.

In October 2001, the Financial Accounting Standards Board issued Statement of Financial Accounting Standard No. 144, Accounting for the Impairment or Disposal of Long-Lived Assets which supersedes SFAS No. 121 Accounting for the Impairment of Long-Lived Assets and for Long-Lived Assets to be Disposed of. Although retaining many of the provisions of SFAS No. 121, SFAS No. 144 establishes a uniform accounting model for long-lived assets to be disposed. The Company's adoption of this statement in the first quarter of 2002 did not have an impact on the Company's financial results.

In June 2002, the Financial Accounting Standards Board issued Statement of Financial Accounting Standard No. 146, Accounting for Costs Associated with Exit or Disposal Activities, which requires the recognition of expense when the liability is incurred and not as a result of an entity's commitment to an exit plan. The statement is effective for exit or disposal activities initiated after December 31, 2002. The adoption of SFAS No. 146 in the first quarter of 2003 is not expected to have a significant impact on the Company's financial results.

In December 2002, the Financial Accounting Standards Board issued Statement of Financial Accounting Standard No. 148, Accounting for Stock-Based Compensation—Transition and Disclosure, an amendment of SFAS No. 123, Accounting for Stock-Based Compensation. SFAS No. 148, which is effective for years ending after December 15, 2002, provides alternative methods for a voluntary change to the fair value based method of accounting for stock-based employee compensation and requires prominent disclosure about the method of accounting for stock-based employee compensation and the effect of the method used on reported results. The Company's adoption of SFAS No. 148 in 2002 enhanced stock-based employee compensation disclosures and had no effect on the method of accounting followed by the Company.

In November, 2002, the Financial Accounting Standards Board issued Interpretation No. 45, Guarantor's Accounting and Disclosure Requirements for Guarantees, Including Indirect Guarantees of Indebtedness of Others. The Interpretation requires certain guarantees to be recorded at fair value, which is different from prior Generally Accepted Accounting Principles (GAAP). The Interpretation also requires a guarantor to make new disclosures. The Company adopted this Interpretation with the Form 10-K issued for the period ended December 31, 2002 and has provided the stipulated additional disclosures.

# Notes to Consolidated Financial Statements (Continued) December 31, 2002

## 14. Quarterly Financial Information (Unaudited)

Summarized quarterly financial information for 2002 and 2001 is as follows:

	Quarter			
	First	Second	Third (2)	Fourth (1)
	(in th	iousands, exc	ept per share	data)
2002				
Net sales	\$43,753	\$44,062	\$39,268	\$41,931
Gross profit	12,583	13,719	11,308	14,001
Income (loss) from operations	855	1,644	(346)	3,010
Net income (loss)	89	142	(216)	1,985
Basic earnings per share:				
Weighted average shares outstanding	8,660	8,693	8,703	8,702
Earnings (loss) per share	.01	.02	(.02)	.23
Diluted earnings per share:				
Weighted average shares outstanding	8,667	8,700	8,719	8,721
Earnings (loss) per share	.01	.02	(.02)	.23
	.01	.02	(.02)	.23
2001				
Net sales	\$58,433	\$55,872	\$47,703	\$47,514
Gross profit (loss)	19,212	17,021	(13,761)	14,305
Income (loss) from operations	3,899	3,239	(37,588)	1,823
Net income (loss)	2,193	1,782	(26,390)	562
Basic earnings per share:				
Weighted average shares outstanding	8,705	8,716	8,682	8,695
Earnings (loss) per share	.25	.20	(3.04)	.06
Diluted earnings per share:	0.711	0.704	0.600	0.605
Weighted average shares outstanding	8,711	8,724	8,690	8,695
Earnings (loss) per share	.25	.20	(3.04)	.06

Earnings per share amounts are based on the weighted average shares outstanding for each period presented. As a result of the changes in outstanding shares from quarter to quarter, the total of the four quarters for 2002 and 2001 do not equal the annual earnings per share for the year.

<sup>(1)</sup> Fourth quarter 2002 results include favorable year end adjustments, primarily to depreciation and foreign sales commissions that improved net income by \$0.9 million.

<sup>(2)</sup> Third quarter 2001 results included: an unusual charge of \$27,237 for inventory write-downs for under-performing product lines; a one time additional provision for doubtful accounts of \$5,200 and impairment charges of \$5,519.

# ITEM 9.—CHANGES IN AND DISAGREEMENTS WITH ACCOUNTANTS ON ACCOUNTING AND FINANCIAL DISCLOSURE

None

## PART III

## ITEM 10.—DIRECTORS AND OFFICERS OF THE REGISTRANT

Certain information required by this item is incorporated by reference from the Registrant's proxy statement filed with the Commission on March 26, 2003. Additional information required to be furnished by Item 401 of Regulation S-K is as follows:

No. 42	List of	f Executive Officers of the Registrant				
Name	Age	Executive Officer Since	Positions and Offices Held			
J. Patrick Ervin	45	1996	Chairman of the Board, Chief Executive Officer and President since January, 2003; President and Chief Executive Officer May 2001—December 2002; President and Chief Operating Officer, April 2000—April 2001: Executive Vice President—Operations, August 1998—March 2000; Senior Vice President of Operations, Mfg., Eng. and Marketing, April 1998—July 1998; Vice President—Sales & Marketing 1996—March 1998; General Manager, Machine Tool Operations in 1996; Director, Sales & Marketing 1992-1996; Director of Materials & Purchasing 1990-1992; Superintendent, Machine Operations 1989-1990, Various other Company positions 1978-1989.			
Richard L. Simons	47	1996	Executive Vice President, Chief Financial Officer and Assistant Secretary since April 2000 and also Treasurer since September 2002; Senior Vice President, Chief Financial Officer and Assistant Secretary, in 1999; Vice President—Finance 1996-1998; Controller 1987-1996; Assistant Treasurer 1985-1987; Manager Financial Accounting 1983-1984.			
Douglas C. Tifft	48	1988	Senior Vice President—Administration since April 2000; Vice President—Administration 1998-1999; Vice President—Employee Relations since 1988. Various other Company positions 1978-1988.			
Joseph T. Colvin	59	1996	Vice President, General Manager—Workholding Operations since March 2001; Vice President—Manufacturing October 1996—March 2001; Manufacturing Director, Machine Operations 1994-1996; Formerly Vice President Operations, General Manager, Inertial Guidance Test Equipment and Original Equipment Manufacturing, Contraves, Inc., 1994; President and CEO, Modern Manufacturing, 1993; President, Inland Motor Division, Kollmorgen Corp., 1987-1992.			

## List of Executive Officers of the Registrant

Name	Age	Executive Officer Since	Positions and Offices Held
Clive M. Danby	44	2001	Vice President—Engineering since March 2001; Formerly Director of Engineering, Ingersoll Milling Machine Co., 1998—March 2001; Project Manager, Sunstrand Aerospace, 1986—1998.
Richard B. Hendrick	48	2001	Vice President/Controller since May 2001; Corporate Controller July 2000—April 2001; Formerly, Controller, MMI Products, Inc., 1993—2000; Various financial management positions, Baker Hughes, Inc., 1981—1993.
Douglas G. Rich	46	2001	Vice President, General Manager—U.S. Machine Operations since November 2001; Director of Manufacturing, Machine Tool Division, March—October 2001; Formerly, Plant Manager, Ingersoll-Rand Company, 1992—March 2001; Plant Superintendent, Watts Fluid Air, Compressed Air Equipment, 1984—1992.

## ITEM 11.—EXECUTIVE COMPENSATION

The information required by this item is incorporated by reference from the Registrant's proxy statement filed with the Commission on March 26, 2003.

## ITEM 12.—SECURITY OWNERSHIP OF CERTAIN BENEFICIAL OWNERS AND MANAGEMENT

The information required by this item is incorporated by reference from the Registrant's proxy statement filed with the Commission on March 26, 2003.

### ITEM 13.—CERTAIN RELATIONSHIPS AND RELATED TRANSACTIONS.

The information required by this item is incorporated by reference from the Registrants's proxy statement filed with the Commission on March 26, 2003.

## ITEM 14.—CONTROLS AND PROCEDURES

The Chief Executive Officer and the Chief Financial Officer of Hardinge have, within the 90 days prior to the date of this report, evaluated the disclosure controls and procedures of the Company and have found those controls to be effective.

There have been no significant changes in internal controls or other factors that could significantly affect internal controls subsequent to their review.

### PART IV

### ITEM 15.—EXHIBITS, FINANCIAL STATEMENT SCHEDULES AND REPORTS ON FORM 8-K

- (a) (1) The financial statements of the Registrant listed in ITEM 8. of this Report are incorporated herein by reference.
  - (2) The financial statement schedules of the Registrant listed in ITEM 8. of this Report are incorporated herein by reference. The financial statement schedule required by Regulation S-X (17 CFR 210) is filed as part of this report:
    - (a) Schedule II-Valuation and Qualifying Accounts
  - (3) Exhibits filed as part of this Report: See (c) below.
- (b) Reports on Form 8-K filed by the Registrant during the last quarter of the period covered by this report:

Current Report on 8-K, regarding an October 3, 2002 press release announcing a further reduction in the North American workforce.

Current Report on 8-K, regarding an October 25, 2002 press release announcing third quarter results and the completion of a new \$53 million credit facility.

Current Report on 8-K, regarding a November 25, 2002 press release announcing the effectiveness of an agreement to assume responsibility in North America for the manufacture and distribution of Bridgeport knee mills, and parts and support services functions for both knee mills and vertical machining centers previously produced by the Connecticut operations of Bridgeport Machines, Inc.

Current Report on 8-K, regarding a November 20, 2002 press release announcing that the Board of Directors elected J. Patrick Ervin as Chairman of the Board effective January 1, 2003. The Board also announced a dividend declaration.

(c) Exhibits required by Item 601 of Regulation S-K filed as a part of this Report on Form 10-K:

#### Item Description

- 4.1 Restated Certificate of Incorporation of Hardinge Inc. filed with the Secretary of State of the State of New York on May 24, 1995, incorporated by reference from the Registrant's Form 8-A, filed with the Securities and Exchange Commission on May 19, 1995.
- 4.2 By-Laws of Hardinge Inc. as amended November 19, 1996, incorporated by reference from the Registrant's Form 10-K for the year ended December 31, 1996.
- 4.3 Amendment to the By-Laws of Hardinge Inc. dated February 22, 2000 incorporated by reference from the Registrant's Form 10-Q for the quarter ended March 31, 2000.
- 4.4 Section 719 through 726 of the New York Business Corporation Law, incorporated by reference from the Registrant's Form 10, effective June 29, 1987.
- 4.5 Specimen of certificate for shares of Common Stock, par value \$.01 per share, of Hardinge Inc., incorporated by reference from the Registrant's Form 8-A, filed with the Securities and Exchange Commission on May 19, 1995.
- 4.6 Form of Rights Agreement, dated as of May 16, 1995, between Hardinge Inc. and American Stock Transfer and Trust Company, incorporated by reference from the Registrant's Form 8-A, filed with the Securities and Exchange Commission on May 23, 1995.
- 4.7 Amended Form of Rights Agreement, dated as of August 25,1997 between Hardinge Inc. and Fifth Third Bank, incorporated by reference from the Registrant's Form 8-A/A filed with the Securities and Exchange Commission on September 29, 1997.

Item Description

- 10.1 Multi-currency Credit Agreement and Term Loan Agreement dated October 24, 2002 among Hardinge Inc. and the Banks signatory thereto and JP Morgan Chase as Sole Administrative Agent and KeyBank National Association as Documentation Agent per the agreement and related documents thereto, incorporated by reference from the Registrant's Form 10-Q for the quarter ended September 30, 2002.
- 10.2 Amendment Number One dated December 31, 2002 to the Multi-currency Credit Agreement dated October 24, 2002 among Hardinge Inc., the Banks signatory thereto and JP Morgan Chase Bank as Sole Administrative Agent and KeyBank National Association as Documentation Agent.
- 10.3 Amendment Number One dated December 31, 2002 to the Term Loan Agreement dated October 24, 2002 among Hardinge Inc., the Banks signatory thereto and JP Morgan Chase Bank as Sole Administrative Agent and KeyBank National Association.
- 10.4 \$8,000,000 Master Note among Hardinge Inc. and Chemung Canal Trust Company dated February 8, 2001, incorporated by reference from the Registrant's Form 10-Q for the quarter ended March 31, 2001.
- 10.5 Swap Transaction Agreement effective June 1, 1998 between Hardinge Inc. and The Chase Manhattan Bank incorporated by reference from the Registrant's Form 10-Q for the quarter ended September 30, 1998.
- 10.6 Credit Agreement dated as of August 1, 1997 among Hardinge Inc. and the Banks signatory thereto and The Chase Manhattan Bank as Agent, incorporated by reference from the Registrant's Form 10-Q for the quarter ended September 30, 1997.
- 10.7 Amendment Number One dated December 11, 2000 to the Credit Agreement dated as of August 1, 1997 among Hardinge Inc. and the Bank's signatory thereto and the Chase Manhattan Bank as Agent incorporated by reference from the Registrant's Form 10-K for the year ended December 31, 2000.
- 10.8 Amendment Number Two dated February 5, 2001 to the Credit Agreement dated as of August 1, 1997 and amended December 11, 2000 among Hardinge Inc. and the Banks signatory thereto and The Chase Manhattan Bank as Agent incorporated by reference from the Registrant's Form 10-Q for the quarter ended March 31, 2001.
- 10.9 Amendment Number Three dated September 20, 2001 to Credit Agreement dated as of August 1, 1997, and amended December 11, 2000 and February 5, 2001 among Hardinge Inc. and the Banks signatory thereto and The Chase Manhattan Bank as Agent, incorporated by reference from the Registrant's Form 10-Q for the quarter ended September 30, 2001.
- 10.10 Credit Agreement dated as of February 28, 1996 among Hardinge Inc. and the Banks signatory thereto and The Chase Manhattan Bank as Agent, incorporated by reference from the Registrant's Form 10-Q for the quarter ended March 31, 1996.
- 10.11 Amendment Number One dated August 1, 1997 to Credit Agreement dated as of February 28, 1996 among Hardinge Inc. and the Banks signatory thereto and The Chase Manhattan Bank as Agent, incorporated by reference from the Registrant's Form 10-Q for the quarter ended September 30, 1997.
- 10.12 Amendment Number Two dated December 11, 2000 to the Credit Agreement dated as of February 28, 1996 and amended August 1, 1997 among Hardinge Inc. and the Banks signatory thereto and The Chase Manhattan Bank as Agent incorporated by reference from the Registrant's Form 10-K for the year ended December 31, 2000.

Item Description

- 10.13 Amendment Number Three dated February 5, 2001 to the Credit Agreement dated as of February 28, 1996 and amended August 1, 1997 and December 11, 2000 among Hardinge Inc. and the Banks signatory thereto and The Chase Manhattan Bank as Agent incorporated by reference from the Registrant's Form 10-Q for the quarter ended March 31, 2001.
- 10.14 Amendment Number Four dated September 20, 2001 to Credit Agreement dated as of February 28, 1996 and amended August 1, 1997, December 11, 2000 and February 5, 2001 among Hardinge Inc. and the Banks signatory thereto and The Chase Manhattan Bank as Agent, incorporated by reference from the Registrant's Form 10-Q for the quarter ended September 30, 2001.
- 10.15 Term Loan Agreement and Term Loan Promissory Note dated as of March 20, 2001 among Hardinge Inc. and KeyBank National Association incorporated by reference from the Registrant's Form 10-Q for the quarter ended March 31, 2001.
- 10.16 Amendment Number One dated October 1, 2001 to the Term Loan Agreement dated March 20, 2001 among Hardinge Inc. and KeyBank National Association incorporated by reference from the Registrant's Form 10-Q for the quarter ended September 30, 2001.
- 10.17 Alliance Agreement entered into as of October 29, 2002, by and among Hardinge Inc., BPT IP, LLC and Bridgeport Machines Limited, incorporated by reference from the Registrant's Form 8K filed November 25, 2002.
- 10.18 Stock Purchase Agreement dated as of November 15, 1995 between Hardinge Inc. and L. Kellenberger & Co. AG, incorporated by reference from the Registrant's Form 8-K, as amended, dated November 29, 1995.
- 10.19 Hardinge Inc. Savings Plan, incorporated by reference from the Registrant's Registration Statement on Form S-8 (No. 33-65049).
- \*10.20 The 2002 Hardinge Inc. Incentive Stock Plan, incorporated by reference from the Registrant's Form 10-Q for the quarter ended June 30, 2002 and the Registrant's Registration Statement on Form S-8 (No. 333-103985).
- \*10.21 The 1996 Hardinge Inc. Incentive Stock Plan as adopted by shareholders at the April 23, 1996 annual meeting, incorporated by reference from the Registrant's Form 10-Q for the quarter ended June 30, 1996.
- \*10.22 Hardinge Inc. 1993 Incentive Stock Plan, incorporated by reference from the Registrant's Form 10-K for the year ended December 31, 1993.
- \*10.23 Employment Agreement with Joseph T. Colvin effective January 1, 1997, incorporated by reference from the Registrant's Form 10-Q for the quarter ended March 31, 1997.
- \*10.24 Employment Agreement with J. Patrick Ervin effective January 1, 1997, incorporated by reference from the Registrant's Form 10-Q for the quarter ended March 31, 1997.
- \*10.25 Employment Agreement with Richard L. Simons effective January 1, 1997, incorporated by reference from the Registrant's Form 10-Q for the quarter ended March 31, 1997.
- \*10.26 Employment Agreement with Douglas C. Tifft dated as of April 1, 1995, incorporated by reference from the Registrant's Registration Statement on Form S-2 (No. 33-91644).
- \*10.27 Employment Agreement with Richard B. Hendrick effective February 1, 2001, incorporated by reference from the Registrant's Form 10-Q for the quarter ended March 31, 2001.
- \*10.28 Employment Agreement with Clive M. Danby effective April 1, 2001, incorporated by reference from the Registrant's Form 10-Q for the quarter ended March 31, 2001.

Item	Description
*10.29	 Employment Agreement with Douglas Rich effective April 1, 2001, incorporated by reference from the Registrant's Form 10-Q for the quarter ended June 30, 2001.
*10.30	 Hardinge Inc. Executive Supplemental Pension Plan, incorporated by reference from the Registrant's Form 10-K for the year ended December 31, 1993.
*10.31	 Form of Deferred Directors Fee Plan, incorporated by reference from the Registrant's Registration Statement on Form S-2 (No. 33-91644).
21	 Subsidiaries of the Company.
23	 Consent of Ernst & Young LLP, Independent Auditors.
99.1	 Certification of Principal Executive Officer pursuant to section 906 of the Sarbanes-Oxley act of 2002.
99.2	 Certification of Principal Financial Officer pursuant to section 906 of the Sarbanes-Oxley act of 2002.

<sup>\*</sup> Management contract or compensatory plan or arrangement.

## ITEM 15(a).—Schedule II—Valuation and Qualifying Accounts

	Balance	Balance Additions C			Balance
	at Beg. of Period	Costs & Expenses	Other Accounts	Deductions	at End of Period
		(dol	llars in thousa	nds)	
Year ended December 31, 2002:					
Allowance for Bad Debts	\$ 6,414	\$ 1,548	\$ 59(1)	\$ 1,917(2)	\$ 6,104
Reserve for Obsolete Inventory	14,171	506	88(1)	12,996(3)	1,769
Total	\$20,585	\$ 2,054	\$ 147	\$14,913	\$ 7,873
Year ended December 31, 2001:			<del></del>		
Allowance for Bad Debts	\$ 963	\$ 6,676	\$ (7)(1)	\$ 1,218(2)	\$ 6,414
Reserve for Obsolete Inventory	2,700	27,754	(11)(1)		14,171
Total	\$ 3,663	\$34,430	\$ (18)	\$17,490	\$20,585
Year ended December 31, 2000:					
Allowance for Bad Debts	\$ 562	\$ 1,243	\$ (5)(1)	\$ 837(2)	\$ 963
Reserve for Obsolete Inventory	2,258	1,092	(8)(1)	642(3)	2,700
Total	\$ 2,820	\$ 2,335	\$ (13)	\$ 1,479	\$ 3,663

<sup>(1)</sup> Currency translation for balances recorded in foreign currencies, charged to Cumulative Translation Adjustment.

<sup>(2)</sup> Uncollectable accounts written off, net of recoveries.

<sup>(3)</sup> Slow-moving parts inventories written down to net recoverable market value.

## **SIGNATURES**

Pursuant to the requirements of Section 13 or 15(d) of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

	Hardinge Inc.
	(Registrant)
March 24, 2003	/s/ J. PATRICK ERVIN
,	J. Patrick Ervin  Chairman of the Board, President, and  Chief Executive Officer and Director
	of the Securities Exchange Act of 1934, this report has been signed ehalf of the registrant and in the capacities and on the dates indicated.
24 2002	· · · · · · · · · · · · · · · · · · ·
March 24, 2003	/s/ RICHARD L. SIMONS  Richard L. Simons  Executive Vice President/Chief Financial Officer and  Assistant Secretary and Director  (Principal Financial Officer)
March 24, 2003	/s/ Richard B. Hendrick
	Richard B. Hendrick Vice President/Controller (Principal Accounting Officer)
March 24, 2003	/s/ Daniel J. Burke
	Daniel J. Burke  Director
March 24, 2003	/s/ Richard J. Cole
	Richard J. Cole  Director

March 24, 2003	/s/ James L. Flynn	
	James L. Flynn Director	
March 24, 2003	/s/ E. Martin Gibson	
	E. Martin Gibson Director	
March 24, 2003	/s/ Douglas A. Greenlee	
	Douglas A. Greenlee  Director	
March 24, 2003	/s/ J. Philip Hunter	
	J. Philip Hunter Director and Secretary	
March 24, 2003	/s/ Albert W. Moore	
Maion 21, 2000	Albert W. Moore  Director	

### CERTIFICATIONS

- I, J. Patrick Ervin, certify that:
- 1. I have reviewed this annual report on Form 10K of Hardinge Inc.;
- 2. Based on my knowledge, this annual report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this annual report;
- 3. Based on my knowledge, the financial statements, and other financial information included in this annual report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this annual report;
- 4. The registrant's other certifying officers and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-14 and 15d-14) for the registrant and we have:
  - a) designed such disclosure controls and procedures to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this annual report is being prepared;
  - b) evaluated the effectiveness of the registrant's disclosure controls and procedures as of a date within 90 days prior to the filing date of this annual report (the "Evaluation Date"); and
  - c) presented in this annual report our conclusions about the effectiveness of the disclosure controls and procedures based on our evaluation as of the Evaluation Date;
- 5. The registrant's other certifying officers and I have disclosed, based on our most recent evaluation, to the registrant's auditors and the audit committee of registrant's board of directors (or persons performing the equivalent function):
  - a) all significant deficiencies in the design or operation of internal controls which could adversely affect the registrant's ability to record, process, summarize and report financial data and have identified for the registrant's auditors any material weaknesses in internal controls; and
  - b) any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal controls; and
- 6. The registrant's other certifying officers and I have indicated in this annual report whether or not there were significant changes in internal controls or in other factors that could significantly affect internal controls subsequent to the date of our most recent evaluation, including any corrective actions with regard to significant deficiencies and material weaknesses.

March 26, 2003

/s/ J. PATRICK ERVIN

J. Patrick Ervin

Chairman, President and Chief Executive Officer

## **CERTIFICATIONS**

- I, Richard L. Simons, certify that:
- 1. I have reviewed this annual report on Form 10K of Hardinge Inc.;
- Based on my knowledge, this annual report does not contain any untrue statement of a material fact
  or omit to state a material fact necessary to make the statements made, in light of the circumstances
  under which such statements were made, not misleading with respect to the period covered by this
  annual report;
- 3. Based on my knowledge, the financial statements, and other financial information included in this annual report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this annual report;
- 4. The registrant's other certifying officers and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-14 and 15d-14) for the registrant and we have:
  - a) designed such disclosure controls and procedures to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this annual report is being prepared;
  - b) evaluated the effectiveness of the registrant's disclosure controls and procedures as of a date within 90 days prior to the filing date of this annual report (the "Evaluation Date"); and
  - c) presented in this annual report our conclusions about the effectiveness of the disclosure controls and procedures based on our evaluation as of the Evaluation Date;
- 5. The registrant's other certifying officers and I have disclosed, based on our most recent evaluation, to the registrant's auditors and the audit committee of registrant's board of directors (or persons performing the equivalent function):
  - a) all significant deficiencies in the design or operation of internal controls which could adversely affect the registrant's ability to record, process, summarize and report financial data and have identified for the registrant's auditors any material weaknesses in internal controls; and
  - b) any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal controls; and
- 6. The registrant's other certifying officers and I have indicated in this annual report whether or not there were significant changes in internal controls or in other factors that could significantly affect internal controls subsequent to the date of our most recent evaluation, including any corrective actions with regard to significant deficiencies and material weaknesses.

March 26, 2003

/s/ RICHARD L. SIMONS

Richard L. Simons Executive Vice President Chief Financial Officer

This report contains statements of a forward-looking nature relating to the financial performance of Hardinge Inc. Such statements are based upon information known to management at this time. The Company cautions that such statements necessarily involve uncertainties and risk and deal with matters beyond the Company's ability to control, and in many cases the Company cannot predict what factors would cause actual results to differ materially from those indicated. Among the many factors that could cause actual results to differ from those set forth in the forward-looking statements are fluctuations in the machine tool business cycles, changes in general economic conditions in the U.S. or internationally, the mix of products sold and the profit margins thereon, the relative success of the Company's entry into new product and geographic markets, the Company's ability to manage its operating costs, actions taken by customers such as order cancellations or reduced bookings by customers or distributors, competitors' actions such as price discounting or new product introductions, governmental regulations and environmental matters, changes in the availability and cost of materials and supplies, the implementation of new technologies, and currency fluctuations. Any forward-looking statement should be considered in light of these factors. The Company undertakes no obligation to revise its forward-looking statements if unanticipated events alter their accuracy.

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parcholders requiring a change of name, address

nership of stock, as well as information

bout shareholder records, lost or stolen certificates

dend checks, dividend direct deposit, and

record reinvestment should contact:

Control Frust Services

<del>o Pountain S</del>auare Plaza

Mail Drop #10AT66 Cincinnati, OH 45202

Phone (800) 837-2755 or (513) 579-5320

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